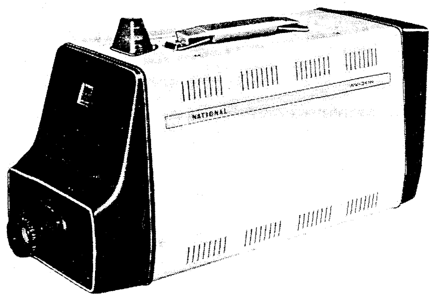
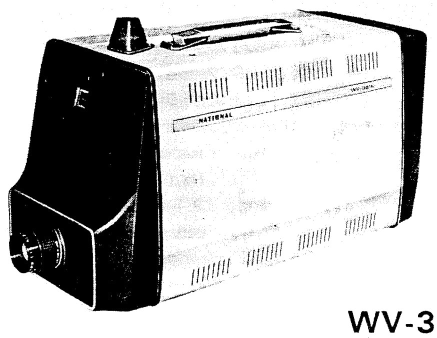
Service Manual

National
C.C.T.V.SYSTEM
National


WV-341N


WV-361N

MODELS WV-341N/361N

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MATSUSHITA ELECTRIC
MATSUSHITA ELECTRIC TRADING CO., LTD.
P. O. Box 288, Central Osaka, Japan

ORDER NO. AVED-73-014

SPECIFICATION

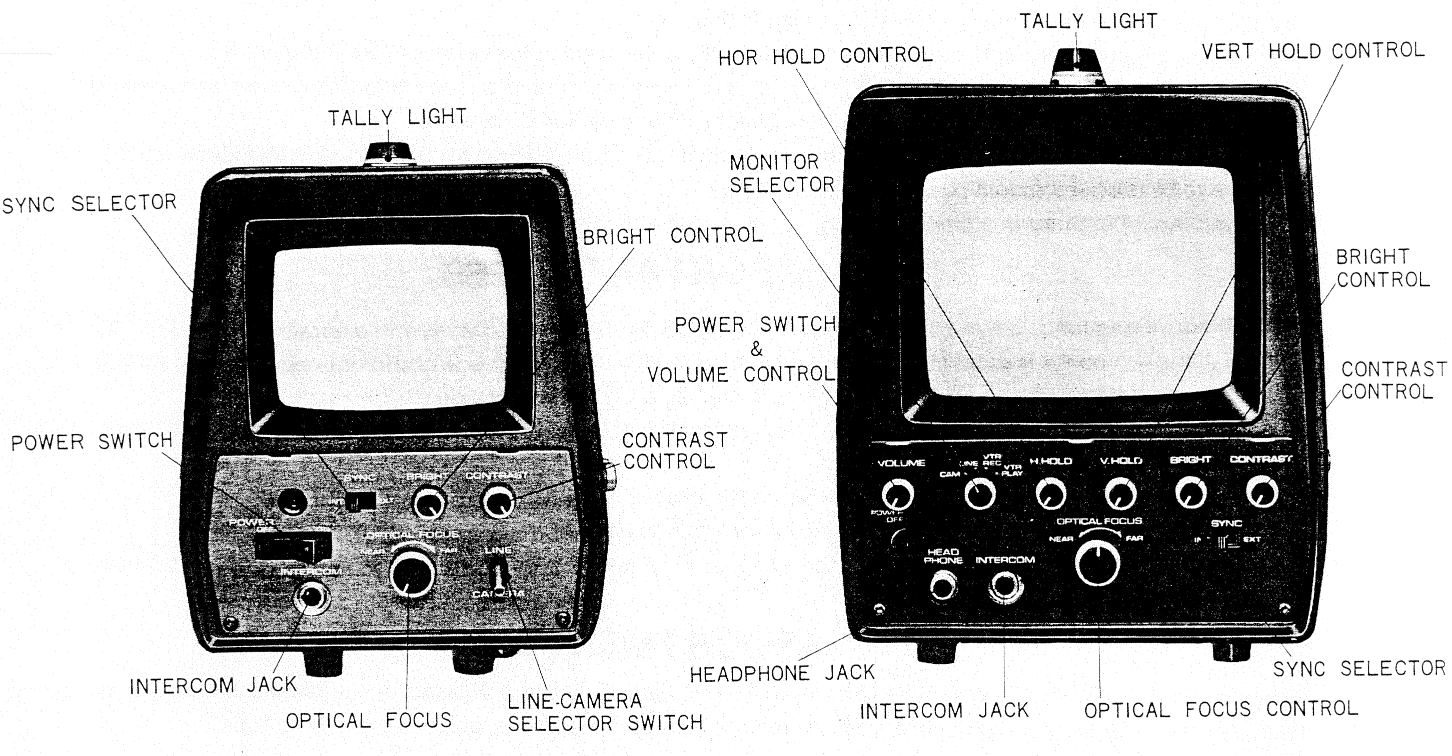
WV-341N

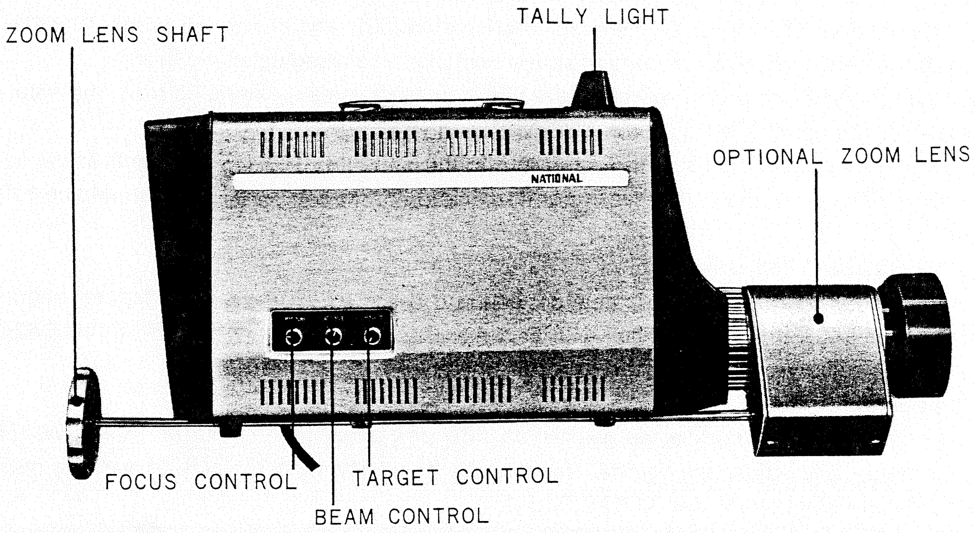
Power Source:	AC Mains 50/60 Hz
Power Consumption:	Approx. 29 Watts
Vidicon Tube:	2/3" Separate mesh vidicon 20 PE 13A/ 8844
Viewfinder:	4.5" 55° deflection
Scanning standard:	U.S.A. standard 525 lines/60 fields/30 frames C.C.I.R. Standard 625 lines/50 fields/25 frames
Sync Synchronizing:	U.S.A. Standard Int. Random interlacing (not line locked) Ext. 2:1 interlacing with NATIONAL pulse generator. C.C.I.R. Standard Int. Line locked random interlacing Ext. 2:1 interlacing with NATIONAL pulse generator
Video Frequency Response:	lore than 7 MHz
Horizontal Resolution:	550 lines (center)
Video Output:	Coax out; 1.0Vp-p Composite/75Ω 10 pin out; 1.0Vp-p Composite/75Ω 0.7Vp-p Non-Composite/75Ω switchable
Signal-to-Noise Ratio:	More than 40 dB
Automatic Light Compensation:	5000 to 1
Required Illumination:	Over 2 ft. candle (20 Lux) (F1.6 Lens)
Lens Attached:	F1.6 16 mm C-mount (no iris)
Operating Ambient Temperature:	−10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity:	Less than 90%
Solid State Device:	Transistors: 27 pcs Silicon Control Switches: 2 pcs Diodes: 22 pcs. Integrated Circuits: 5 pcs.
Dimensions:	155(W) x 215(H) x 407(D) mm
Weight:	Approx. 5.7 kg.
Standard Accessories:	Coaxial Cable 1 pc. Coaxial Coupler TYPE C-10 1 pc. F1.6 16mm C-mount Lens (no iris) 1 pc.
Optional Accessories:	Camera Cable 10G-25, 10G-50 10G-100 Extension Camera Cable 10H-25, 10H-50, 10H-100 Fujinon Zoom Lens Push Rod type: FZ-75R/E (F2.0 14—70mm C-mount) Manual Control type: FZ-75F/E (F2.0 14—70mm C-mount)

WV-361N

Power Source:	AC Mains 50/60 Hz
Power Consumption:	Approx. 31 Watts
Vidicon Tube:	2/3" Separate mesh vidicon 20 PE 13A/ 8844
Viewfinder:	6" 70° deflection
Scanning Standards:	U.S.A. Standard 525 lines/60 fields/30 frames C.C.I.R. Standard 625 lines/50 fields/25 frames
Sync Synchronizing	Int. Line locked random interlacing or 2 : 1 interlacing with optional internal sync board Ext. 2:1 interlacing with NATIONAL pulse generator or other external drive pulses.
Video Frequency Response:	More than 7 MHz
Horizontal Resolution:	550 lines (center)
Video Output:	Coax out; 1.0Vp-p Composite/75Ω 10 pin out; 1.0Vp-p Composite/75Ω 0.7Vp-p Non-Composite/ 75Ω switchable
Signal-to-Noise Ratio:	More than 40 dB
Automatic Light Compensation:	5000 to 1
Required Illumination:	Over 2 ft. candle (20 Lux) (F1.6 lens)
Lens Attached:	F1.6 16mm C-mount (no iris)
Operating Ambient Temperature:	−10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity:	Less than 90%
Solid State Device:	Transistors: 32 pcs. Silicon Control Switches: 2 pcs. Diodes: 25 pcs. Integrated Circuits: 5 pcs.
Dimensions:	180(W) x 235(H) x 407(D) mm
Weight:	Approx. 6.7 kg
Standard Accessories:	Coaxial Cable 1 pc. Coaxial Coupler TYPE C-10 1 pc. F1.6 16mm C-mount Lens (no iris) 1 pc.
Optional Accessories:	Camera Cable 10G-25, 10G-50, 10G-100 Extension Camera Cable 10H-25, 10H-50, 10H-100 Fujinon Zoom Lens Push Rod type: FZ-75R/E (F2.0 14—70mm C-mount) Manual Control type: FZ-75F/E (F2.0 14—70mm C-mount)

LOCATION OF CONTROLS


TALLY LIGHT
SYNC SELECTOR
BRIGHT CONTROL
POWER SWITCH
CONTRAST CONTROL
INTERCOM JACK
OPTICAL FOCUS
LINE-CAMERA SELECTOR SWITCH
TALLY LIGHT
HOR HOLD CONTROL
VERT HOLD CONTROL
MONITOR SELECTOR
BRIGHT CONTROL
POWER SWITCH & VOLUME CONTROL
CONTRAST CONTROL
HEADPHONE JACK
SYNC SELECTOR
INTERCOM JACK
OPTICAL FOCUS CONTROL


ZOOM LENS SHAFT
TALLY LIGHT
OPTIONAL ZOOM LENS
NATIONAL
FOCUS CONTROL
TARGET CONTROL
BEAM CONTROL

INSTALLATION NOTES

The WV-341N (WV-361N) Television Camera provides composite or noncomposite video output which may be connected to any video receiver. These cameras are equipped with the 10 pin connector RM 15 TRG-10S which may be connected to the Special Effects Generator or other components. A coaxial cable should be used between the camera and receiver location.

The output impedance of these cameras are standard 75Ω.

The following factors are of prime importance when making a successful television camera installation.

1. Always mount the camera so that bright lights, open window, or other strong illumination is behind the camera.
2. Never mount the camera in a position where direct sunlight will fall on the lens.
3. Select the proper lens so that only required field of view is covered. (See lens chart on Operating Instruction)
4. Scene to be observed should be evenly illuminated.
5. Always mount monitor in a dimly lit room or where directly illumination does not fall on the screen.

IMPORTANT NOTES

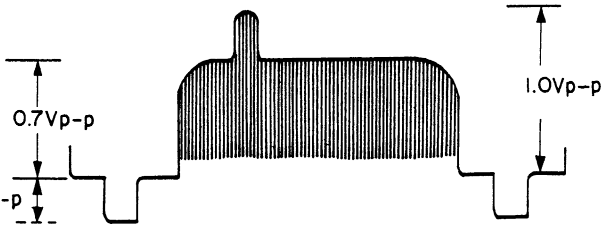
1. The Photo Conductive Layer of the Vidicon Tube will permanently be damaged in a relatively short period of time if the AC power is supplied to the unit when the deflection circuit (vertical and/or horizontal) is defective. Therefore before servicing, check the deflection circuit in the following manner.
   A. Check with an Oscilloscope whether the nomal waveform is obtainable at the deflection coil with the beam control turned counter clockwise.
   B. If the normal waveform is observed, return the beam control setting to its original position.
2. When replacing transistor or diode, make sure to turn off the power of the camera.
   Unsoldering and soldering work must be done quickly (especially for integrated circuits) to avoid damaging these components from excessive heat.

ADJUSTMENTS

Although the NATIONAL WV-341N and WV-361N TV cameras are pre-adjusted at the factory before shipment re-adjustment may be found necessary after the replacement of components, parts or the vidicon tube.

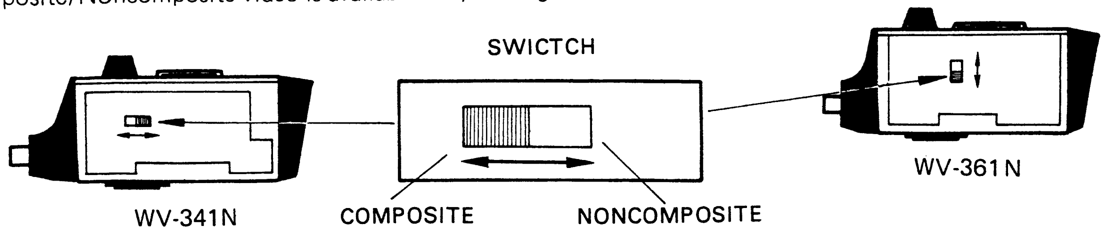
A. Camera Section

1. With a 16 mm (approx. 2/3") lens installed, mount the camera so that the front surface is approximately 2 feet from the test pattern and carefully remove camera cases.
2. Operate the camera referring to OPERATING INSTRUCTIONS.
3. Adjust the "B" control on the right side of camera so that the bright parts of picture are just resolved.
4. Adjust the "F" control on the right side of camera for the sharpest picture.
5. Adjust the vertical size (VR202), vertical linearity (VR203), and horizontal width (VR301) for WV-341N, (VR401) for WV-361N so that test pattern appears circular on a preadjusted monitor.
6. If black bars or lettering on test pattern have white or black streak, extending from the right side, adjust the high peaker (C109 for WV-341N, C111 for WV-361N) until no streak are visible.
7. Target voltage control VR503 should be adjusted so that the amplitude of video signal at the output terminal is kept within 0.7Vp-p ~ 0.8Vp-p [(The intensity of illumination of the test pattern should be 1000 Lux.) 100 ft. candles]
8. H. OSC FREQUENCY adjustment
   Connect a frequency counter to the horizontal deflection coil and adjust the horizontal frequency with L301 (for WV-341N) or L401 (for WV-361N) slug so that the counter indicates 15.75KHz. (15.625KHz WV-341N C.C.I.R.) (For this adjustment, set sync selector to internal.)
9. VR201 adjustment (V. OSC)
   Connect a frequency counter to the emitter of TR9 or base of TR10 (TR8 or TR9 in WV-361P) in vertical oscillator circuit and adjust the vertical free-running frequency with the VR201 variable resistor so that the counter indicates 55Hz (46Hz WV-341N C.C.I.R.)
   For this adjustment operate camera at EXT sync position without external drive pulses.
10. White suppressor adjustment
    Set the ALC selector switch at "AUTO" position.
    With a 110V 5 Watt frosted lamp hung or attached in front of the 1000 Lux test pattern, adjust VR101 to get the peak white signal spike of 1.0Vp-p.



11. When the LIGHT CONTROL SWITCH is set at the MANUAL position operate "T" CONTROL as follows.
    - 11-1 If the mounted lens is equipped with iris ring, adjust the iris if the object to be televised get brighter.
    - 11-2 If the iris is insufficient or the lens used is not equipped with the iris ring, adjust the "T" control so that the bright parts of picture are just resolved.
    - 11-3 When the "T" control is adjusted, re-adjustment of "B" control may be required.
    - 11-4 When the LIGHT CONTROL is set at the AUTO position, re-adjust the "B" control so that the bright parts of picture are just resolved.
12. Composite/Noncomposite video switch

    Composite/Noncomposite video is available only through 10 Pin connector preset to composite video at factory.



B. **View Finder Section**

Picture size and vertical linearity adjustment.

1. Adjust V. HEIGHT variable resistor VR701 (for WV-341N) or VR702 (for WV-361N). V. LINEALITY variable resistor VR702 (for WV-341N) or VR703 (for WV-361N). H. WIDTH coil L903 (for WV-341N) or L902 (for WV-361N) so that test pattern appears circular on the view finder. VR701 (for WV-341N) or VR702 (for WV-361N) and L903 (for WV-341N) or L902 (for WV-361N) are pre-adjusted at the factory to get the picture size of just a little overscanned.
2. Horizontal Linearity adjustment (WV-361N only)

   Horizontal linearity adjustment is a little more critical than vertical linearity adjustment.

   To make precise adjustment of horizontal linearity, provide the grating signal to the view finder video input (pin No. 1. of VTR connector) from TV TEST SIGNAL GENERATOR and adjust L903 and L904 to get the same interval gratings on all over picture of view finder.
3. AFC circuit adjustment (WV-361N only)

   Set the coil slug at the center position of its variable range.

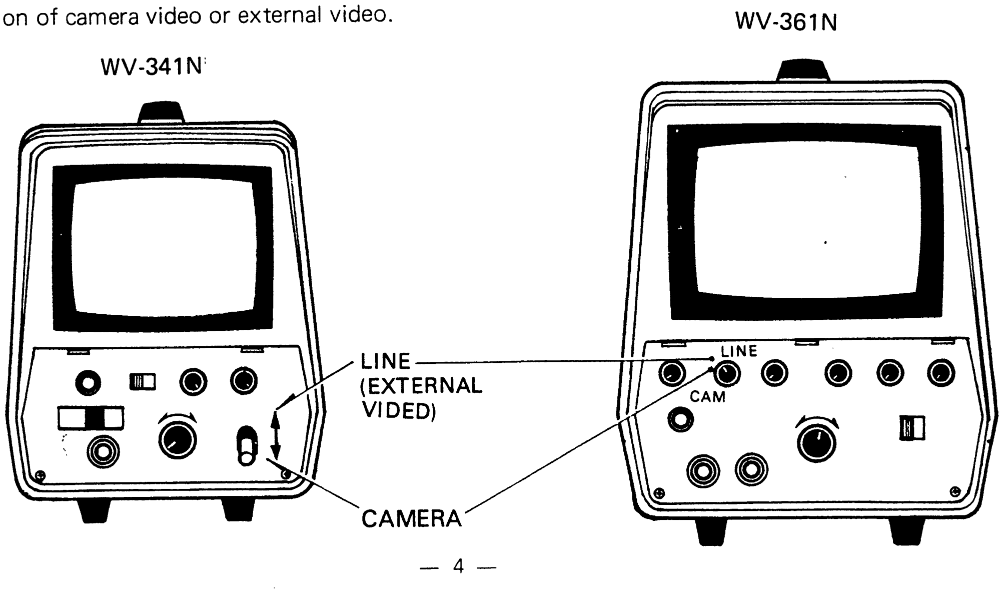
   Adjust the VR902 to get stable horizontal synchronization when the H. Hold variable resistor (VR901) is rotated. In stable horizontal synchronization, the picture move right and left symmetrically, when the H. Hold variable resistor is rotated.
4. CRT Focus adjustment

   Adjust VR1001 to get sharpest picture on the view finder.

   It is recommendable to adjust CRT focus with keeping relatively high brightness on CRT.

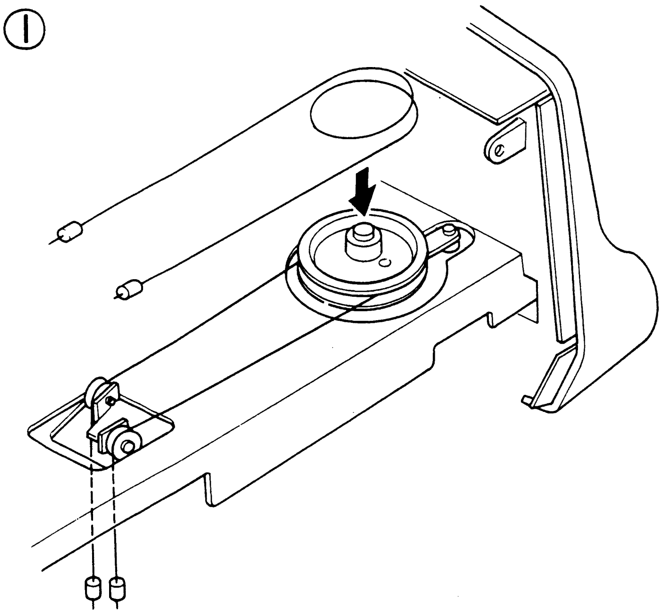
* Monitor Selector

Allows selection of camera video or external video.



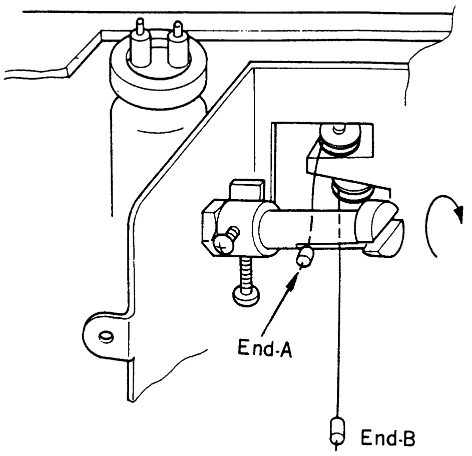
ADJUSTMENT INSTRUCTION OF FOCUS MECHANISM

①



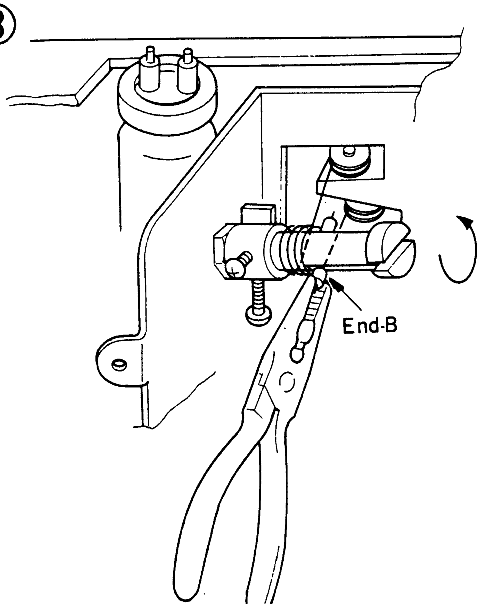
Install the string wire to the drum, and then insert the both end of the wire in the bottom chassis as in the figure.

②



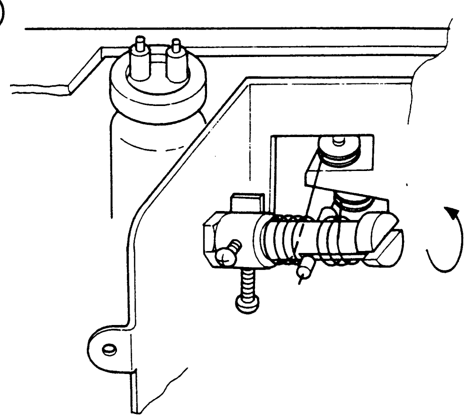
1) Loosen the two lock-screws.
2) Insert the end-A of the wire into the slit of the control shaft.
3) While pulling the end-B of the wire by the pliers or equivalent, turn the control shaft to wind the wire round the shaft.

③



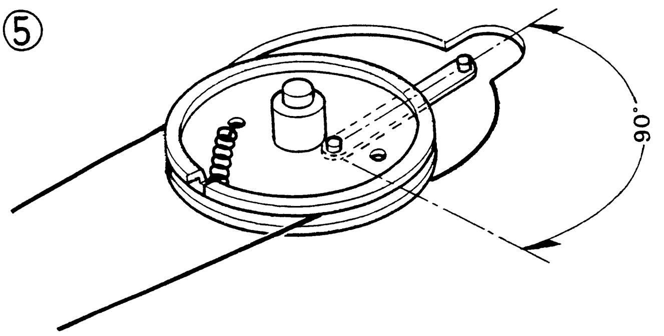
1) When the end-B of the wire is located to the opposite side of the end-A, insert the end-B into the slit of the control shaft.
2) Turn the control shaft in the direction of the arrow.

④



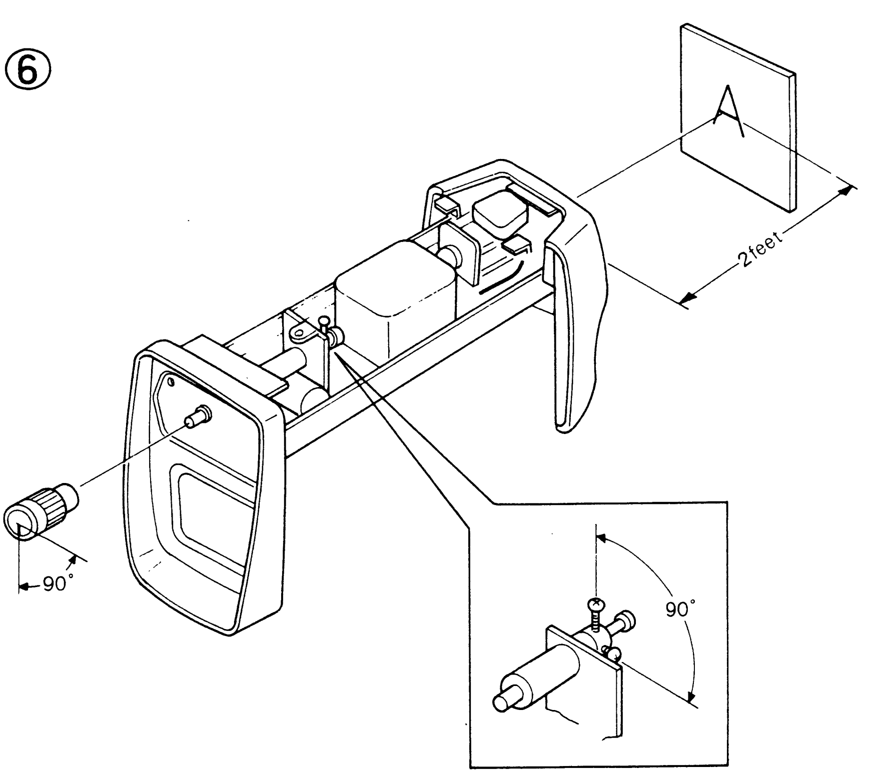
Turn the control shaft in the direction of the arrow until the both windings of the end-A & B come to same turns.

⑤



1) Move the starting link to the right angle.
2) Set the spring between the wire and the hole on the drum.

⑥



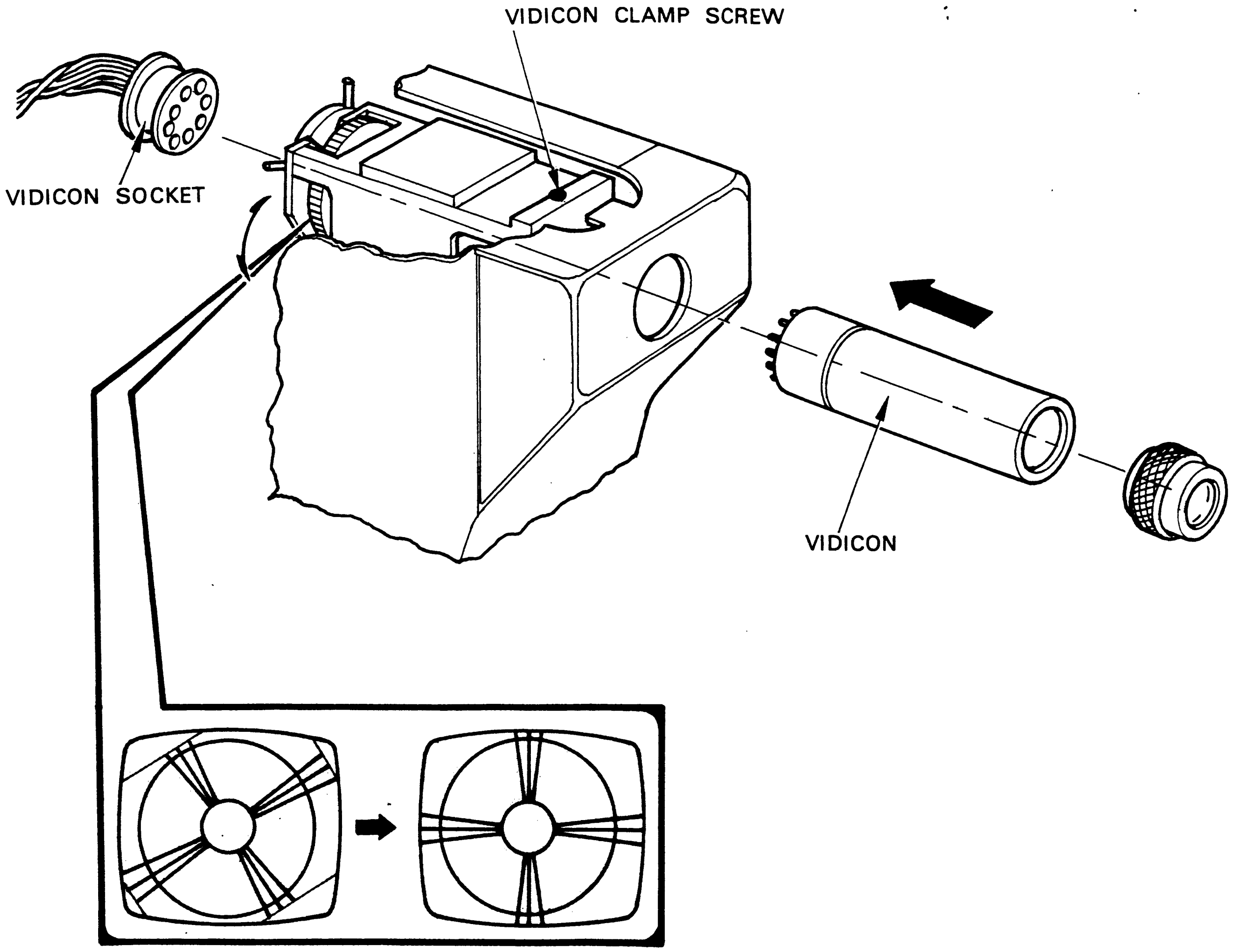
ADJUSTING FOCUS DISTANCE OF LENS

1) Put the camera on the 2 feet position from the object, and then set the lens dial to "2 feet"
2) Turn the control knob (OPTICAL FOCUS) for adjusting focus.
3) Turn the stopper, after loosening the two lock-screws as in the figure, set the longer screw verticality and then re-tighten the screws.
4) Taking off the knob (OPTICAL FOCUS), and return the knob to locate the pointer of the knob to the right angle from the horizontal level as in the figure.

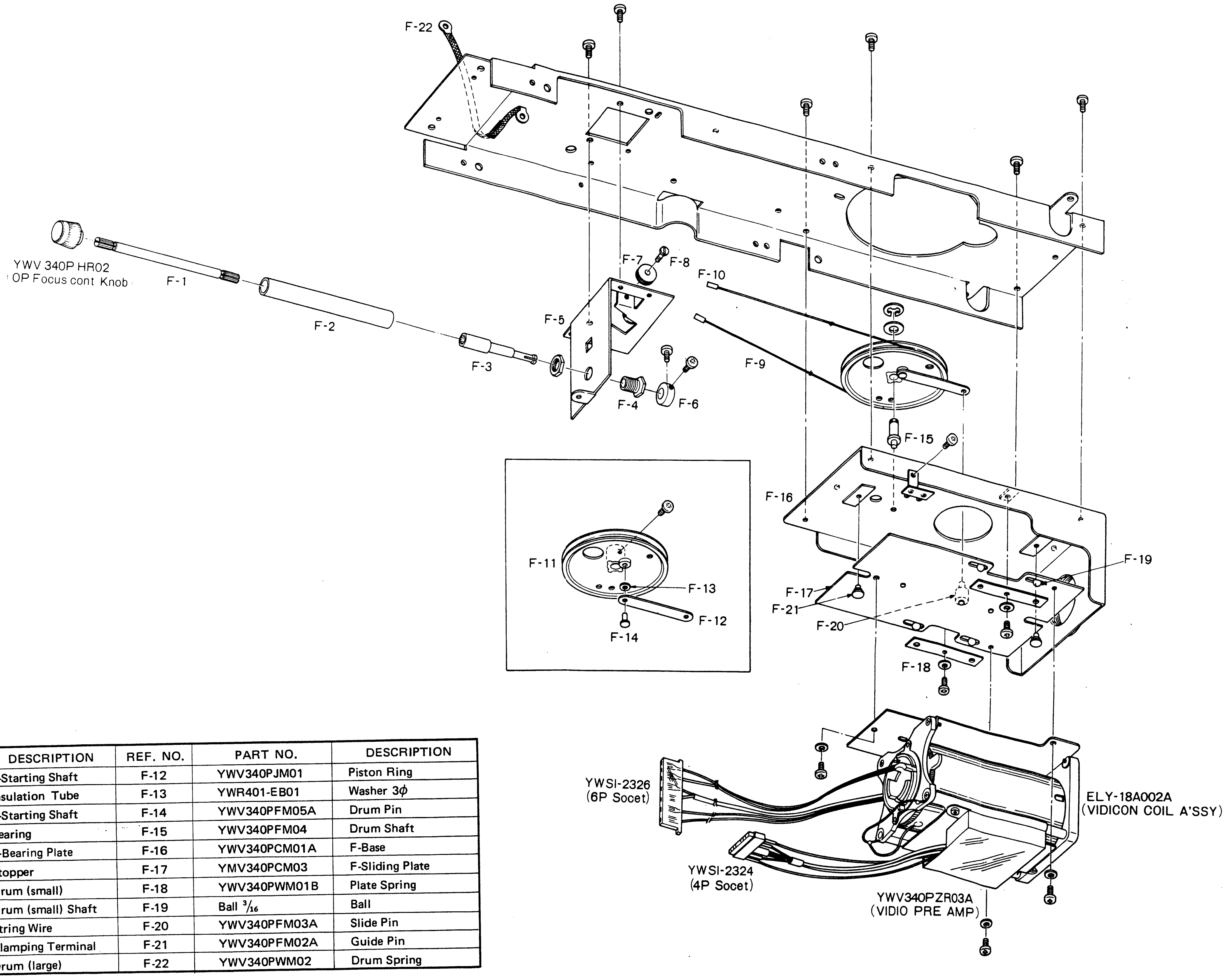
REPLACEMENT OF VIDICON TUBE

1) Unplug the defective vidicon from its socket.
   NOTE 1: Observe vidicon pin position.
2) Loosen vidicon clamp screw (see Figure).
3) Unscrew camera lens.
4) Push the defective vidicon forward through coil and then insert new vidicon tube completely into assembly Reconnect vidicon socket.
   NOTE 2: When seating vidicon into coil assembly be sure of a good connection between vidicon target and its spring connector.
5) Reinstall the lens and observe the monitor screen for image.
6) After warmup, readjust the beam control, optical focus and electrical focus control to get the best clarity of test pattern. (Target Control set at auto.)
7) Confirm if test pattern is tilted or straight; if tilted adjust by moving coil assembly as shown in figure.
8) Retighten the vidicon clamp screw after above adjustments.
9) Vidicon beam alignment and centering can be adjusted by rotation of the two metal tabs located on the rear portion of the vidicon deflection coil assembly. (see Figure).

These should be set so that when the forcus control, VR502, is rotated clockwise and counterclockwise, the center portion of the picture image will appear to rotate in and out of focus without a side to side motion.



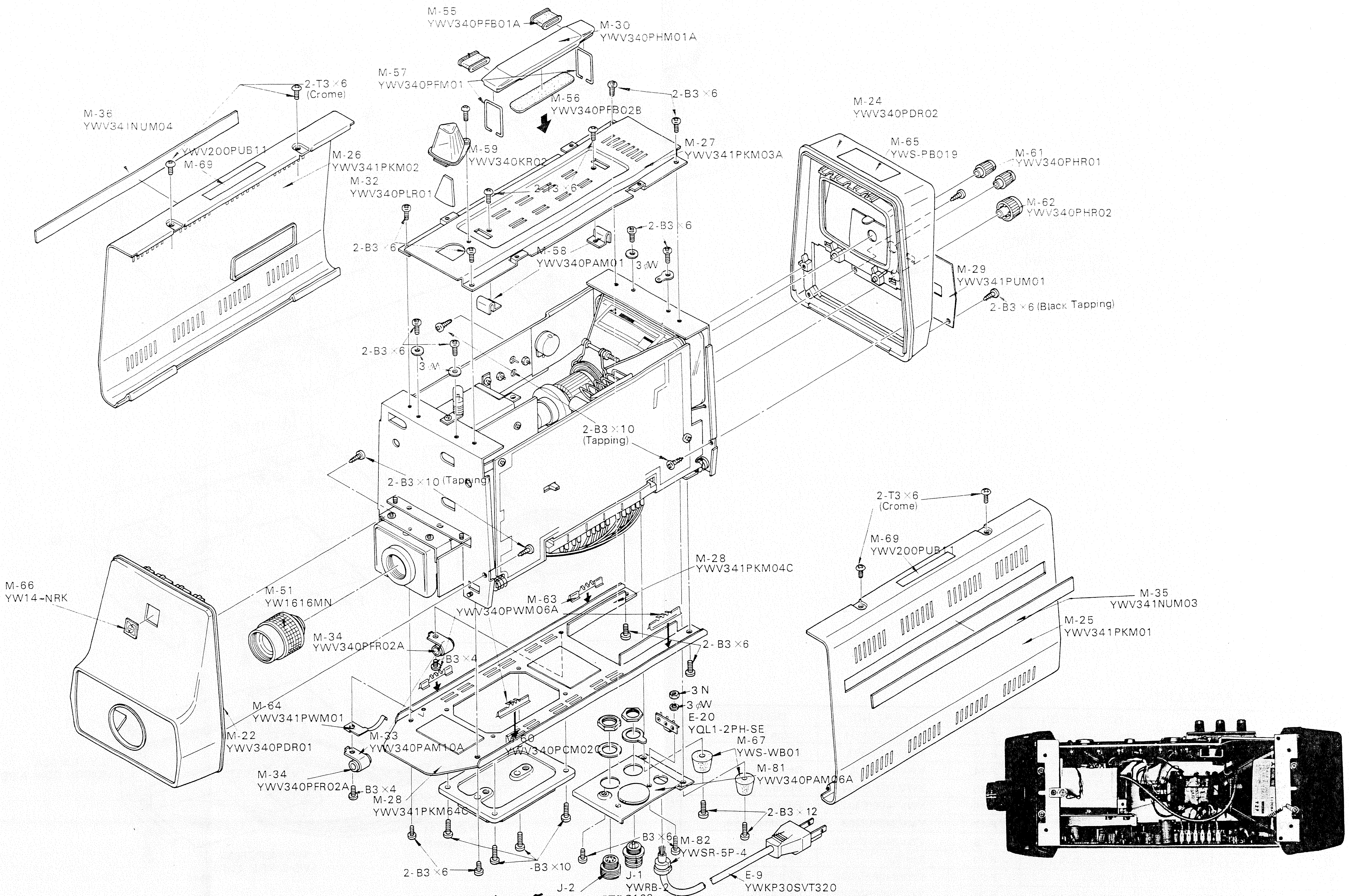
EXPLODED VIEW OF FOCUS MECHANISM


F-22
F-7
F-8
F-10
F-5
YWV 340P HR02
OP Focus cont Knob
F-1
F-2
F-3
F-4
F-6
F-9
F-15
F-16
F-11
F-13
F-12
F-14
F-17
F-21
F-20
F-19
F-18
YWSI-2326
(6P Socet)
YWSI-2324
(4P Socet)
ELY-18A002A
(VIDICON COIL A'SSY)
YWV340PZR03A
(VIDIO PRE AMP)

F-MECHANISM PARTS LIST

REF, NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
F-1	YWV340PBM01A	F-Starting Shaft	F-12	YWV340PJM01	Piston Ring
F-2	YWV340PFR01	Insulation Tube	F-13	YWR401-EB01	Washer 3ϕ
F-3	YWV340PBM02A	F-Starting Shaft	F-14	YWV340PFM05A	Drum Pin
F-4	YWA200-MM04	Bearing	F-15	YWV340PFM04	Drum Shaft
F-5	YWV340PAM02	F-Bearing Plate	F-16	YWV340PCM01A	F-Base
F-6	YWV340PFM06A	Stopper	F-17	YMV340PCM03	F-Sliding Plate
F-7	YWA201-MR01	Drum (small)	F-18	YWV340PWM01B	Plate Spring
F-8	YWA211-EM01	Drum (small) Shaft	F-19	Ball $^{3}/_{16}$	Ball
F-9	String Wire	String Wire	F-20	YWV340PFM03A	Slide Pin
F-10	YWV340PFM07	Clamping Terminal	F-21	YWV340PFM02A	Guide Pin
F-11	YWUT01-BM02A	Drum (large)	F-22	YWV340PWM02	Drum Spring

METHOD OF DISASSEMBLY & EXPLODED VIEW 1 WV-341N


M-55
YWV340PFB01A
M-30
YWV340PHM01A
M-57
YWV340PFM01
2-T3 ×6
(Crome)
2-B3 ×6
M-56
YWV340PFB02B
M-36
YWV341NUM04
YWV200PUB11
M-69
M-26
YWV341PKM02
M-32
YWV340PLR01
M-59
YWV340KR02
2-B3 ×6
M-27
YWV341PKM03A
M-24
YWV340PDR02
M-65
YWS-PB019
M-61
YWV340PHR01
M-62
YWV340PHR02
2-B3 ×6
M-58
YWV340PAM01
3 W
M-29
YWV341PUM01
2-B3 ×6 (Black Tapping)
2-B3 ×6
3 W
2-B3 ×10
(Tapping)
2-B3 ×10 (Tapping)
2-T3 ×6
(Crome)
M-69
YWV200PUB11
M-28
YWV341PKM04C
M-66
YW14-NRK
M-51
YW1616MN
M-63
YWV340PWM06A
M-35
YWV341NUM03
M-25
YWV341PKM01
M-34
YWV340PFR02A
B3 ×4
2-B3 ×6
3 N
3 W
E-20
YQL1-2PH-SE
M-64
YWV341PWM01
M-33
YWV340PAM10A
M-60
YWV340PCM02C
M-67
YWS-WB01
M-22
YWV340PDR01
M-81
YWV340PAM06A
M-34
YWV340PFR02A
B3 ×4
M-28
YWV341PKM64C
2-B3 × 12
B3 ×6
M-82
YWSR-5P-4
2-B3 ×6
-B3 ×10
J-1
YWRB-2
E-9
YWKP30SVT320
J-2
YWRM15TRG10S

V1525 ←

-"- TPG10P Stecker

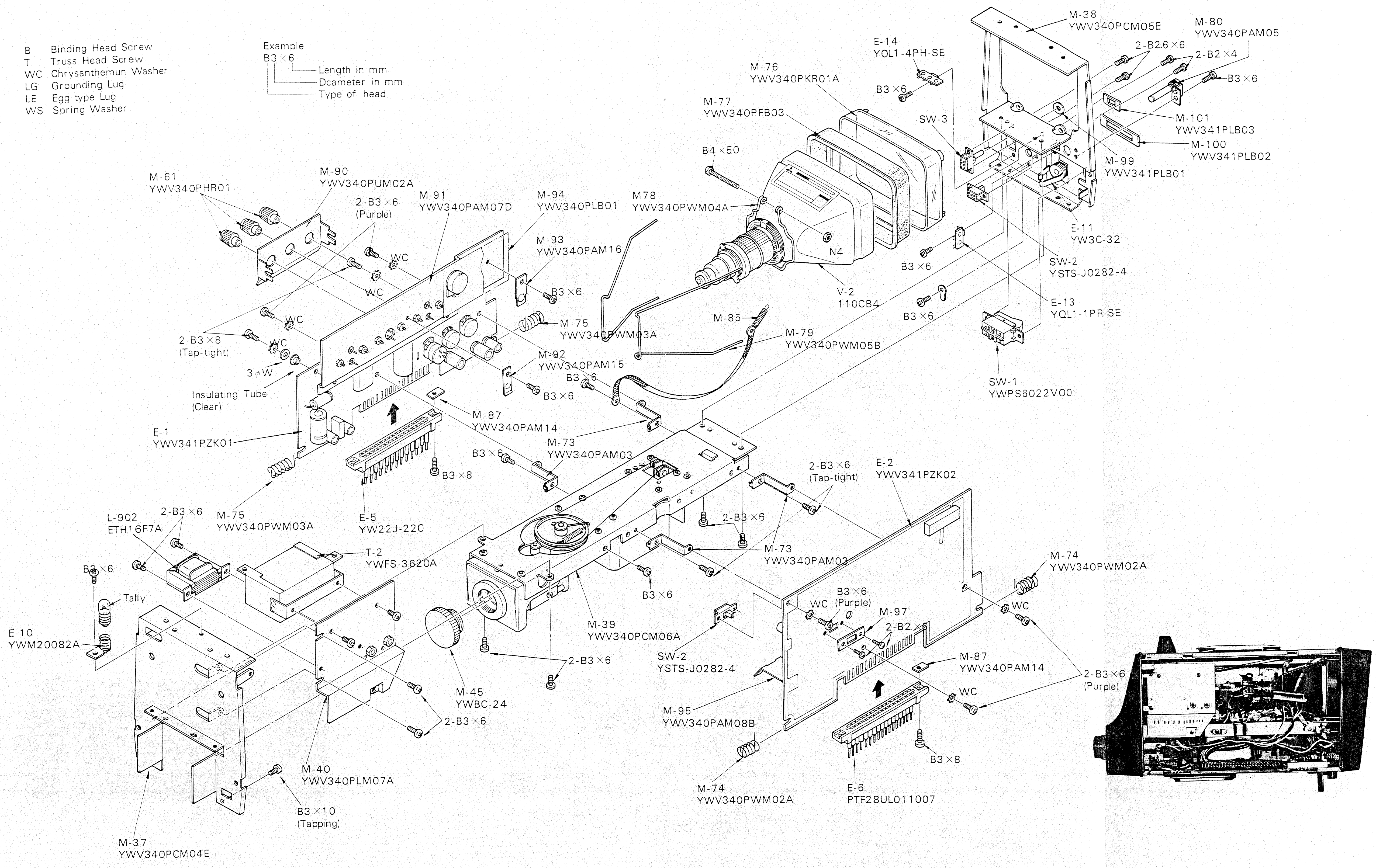
-"- TSM10S Kupplg.

-"- ~~TPR~~ TPR 1/10P Buchse m. Pin

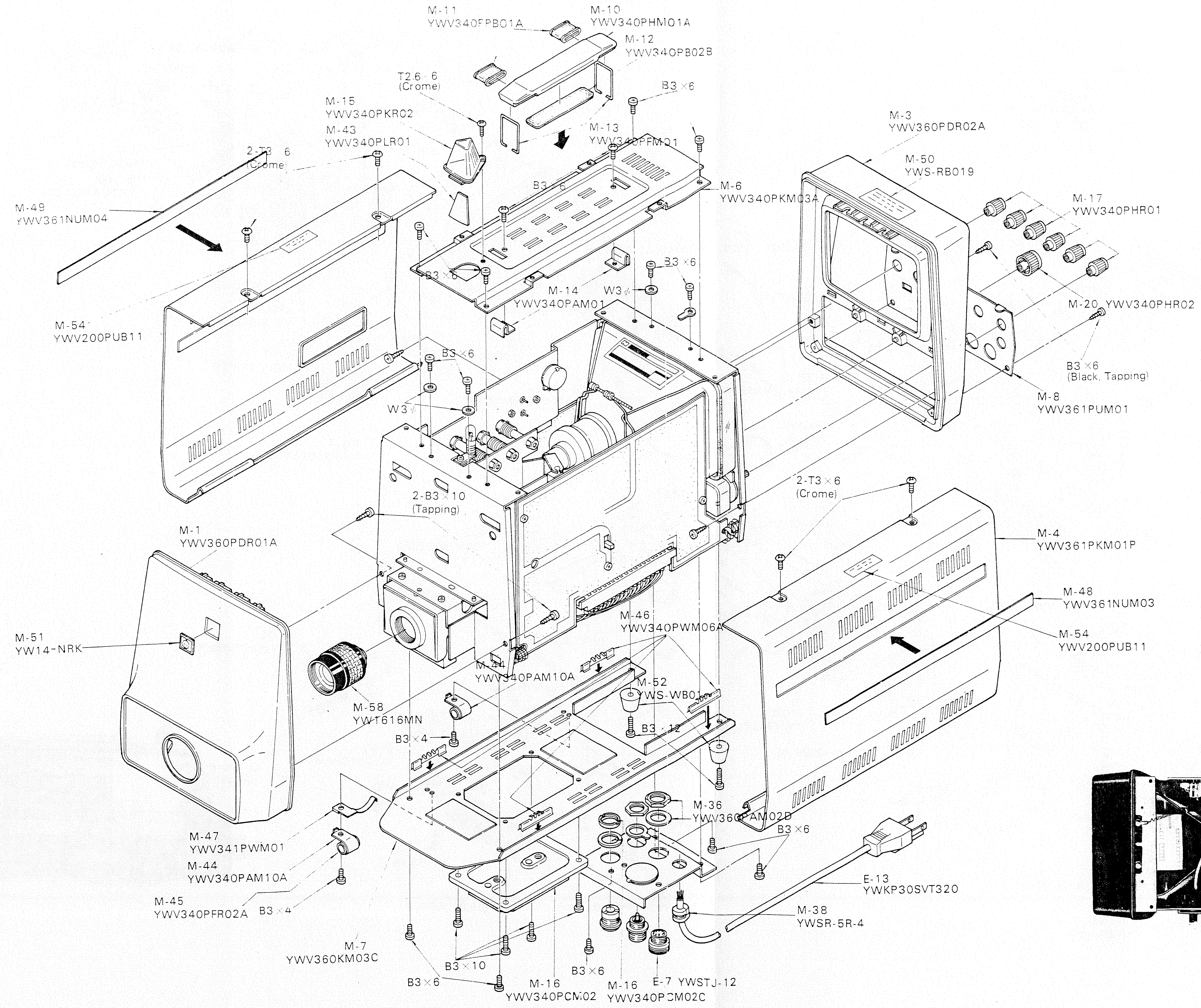
METHOD OF DISASSEMBLY & EXPLODED VIEW 2 MODEL WV-341N

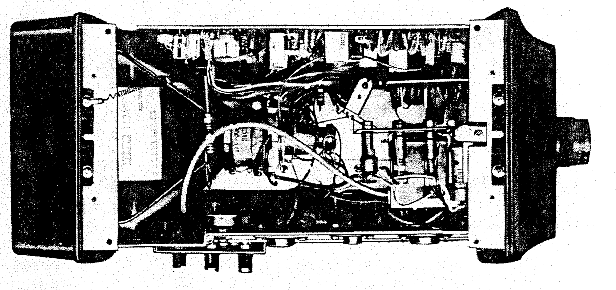
B	Binding Head Screw
T	Truss Head Screw
WC	Chrysanthemun Washer
LG	Grounding Lug
LE	Egg type Lug
WS	Spring Washer

Example
B3×6
Length in mm
Dcameter in mm
Type of head

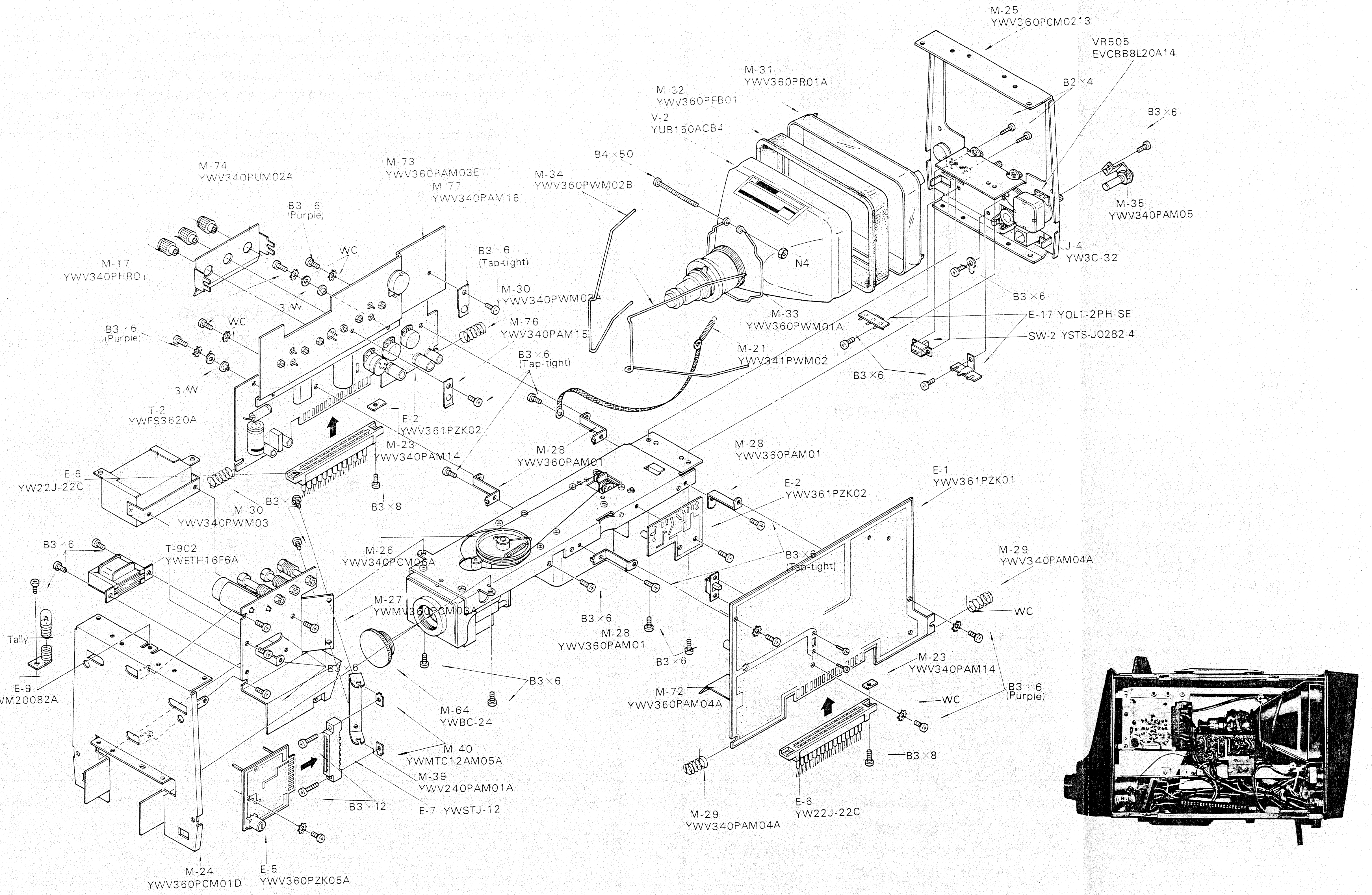

M-38
YWV340PCM05E
M-80
YWV340PAM05
2-B2.6×6
2-B2×4
B3×6
E-14
YOL1-4PH-SE
M-76
YWV340PKR01A
B3×6
M-77
YWV340PFB03
SW-3
M-101
YWV341PLB03
M-100
YWV341PLB02
M-99
YWV341PLB01
B4×50
M-61
YWV340PHR01
M-90
YWV340PUM02A
2-B3×6
(Purple)
M-91
YWV340PAM07D
M-94
YWV340PLB01
M78
YWV340PWM04A
N4
E-11
YW3C-32
WC
WC
M-93
YWV340PAM16
B3×6
B3×6
SW-2
YSTS-J0282-4
V-2
110CB4
B3×6
E-13
YQL1-1PR-SE
WC
M-75
YWV340PWM03A
M-85
M-79
YWV340PWM05B
2-B3×8
(Tap-tight)
WC
3φW
M-92
YWV340PAM15
B3×6
B3×6
Insulating Tube
(Clear)
SW-1
YWPS6022V00
M-87
YWV340PAM14
E-1
YWV341PZK01
M-73
YWV340PAM03
B3×6
B3×8
2-B3×6
(Tap-tight)
E-2
YWV341PZK02
L-902
ETH16F7A
2-B3×6
M-75
YWV340PWM03A
E-5
YW22J-22C
2-B3×6
M-73
YWV340PAM03
B3×6
T-2
YWFS-3620A
M-74
YWV340PWM02A
Tally
B3×6
WC
B3×6
(Purple)
M-97
WC
2-B2×6
E-10
YWM20082A
M-39
YWV340PCM06A
SW-2
YSTS-J0282-4
2-B3×6
M-87
YWV340PAM14
2-B3×6
(Purple)
WC
M-45
YWBC-24
2-B3×6
M-95
YWV340PAM08B
B3×8
M-40
YWV340PLM07A
M-74
YWV340PWM02A
E-6
PTF28UL011007
B3×10
(Tapping)
M-37
YWV340PCM04E

METHOD OF DISASSEMBLY & EXPLODED VIEW 3 MODEL WV-361N

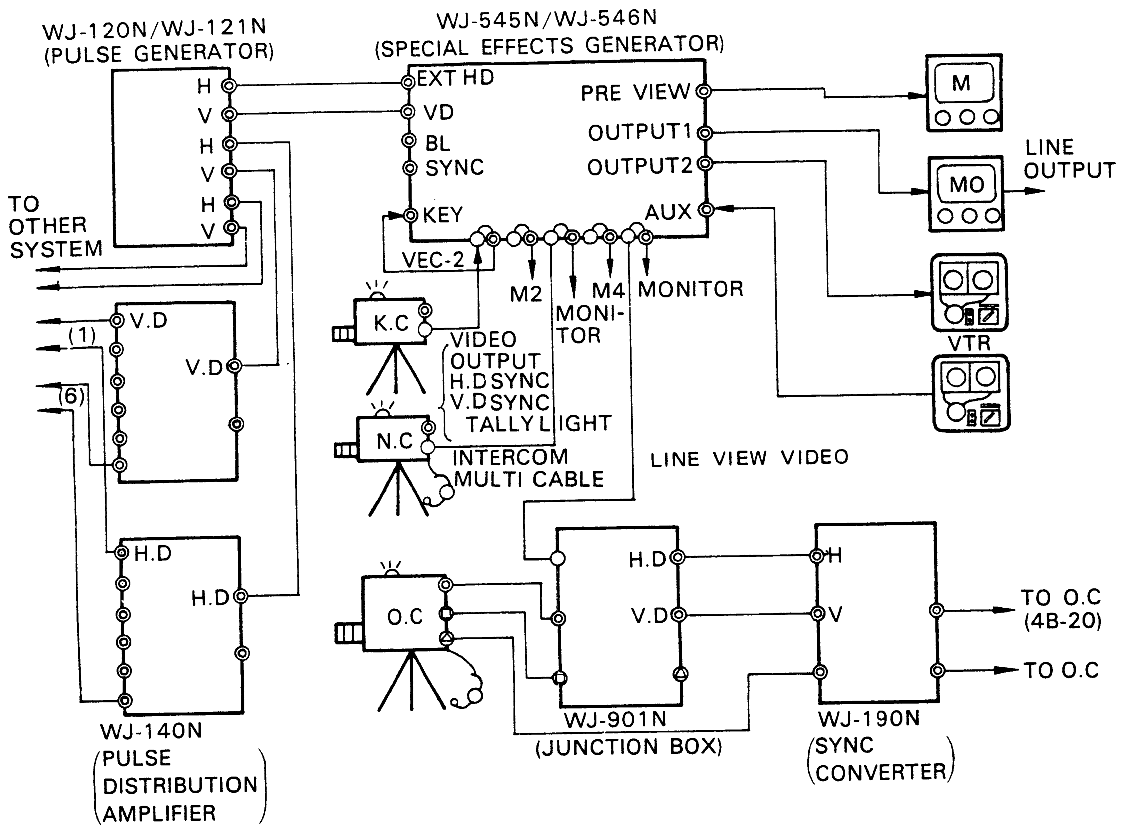

M-11
YWV340FPB01A
M-10
YWV340PHM01A
M-12
YWV340PB02B
T2.6 6
(Crome)
B3 ×6
M-15
YWV340PKR02
M-43
YWV340PLR01
M-13
YWV340PFM01
2-T3 6
(Crome)
M-3
YWV360PDR02A
M-50
YWS-RB019
B3 6
M-6
YWV340PKM03A
M-49
YWV361NUM04
M-17
YWV340PHR01
B3 ×6
B3 ×6
M-14
YWV340PAM01
W3φ
M-54
YWV200PUB11
M-20 YWV340PHR02
B3 ×6
B3 ×6
(Black, Tapping)
W3φ
M-8
YWV361PUM01
2-T3 × 6
(Crome)
2-B3 × 10
(Tapping)
M-1
YWV360PDR01A
M-4
YWV361PKM01P
M-48
YWV361NUM03
M-46
YWV340PWM06A
M-54
YWV200PUB11
M-51
YW14-NRK
M-44
YWV340PAM10A
M-52
YWS-WB01
M-58
YW1616MN
B3 ×4
B3 × 12
M-36
YWV360PAM02D
B3 ×6
M-47
YWV341PWM01
M-44
YWV340PAM10A
E-13
YWKP30SVT320
M-45
YWV340PFR02A
B3 ×4
M-38
YWSR-5R-4
M-7
YWV360KM03C
B3 ×10
B3 ×6
B3 ×6
M-16
YWV340PCM02
M-16
YWV340PCM02C
E-7 YWSTJ-12



METHOD OF DISASSEMBLY & EXPLODED VIEW 4 MODEL WV-361N

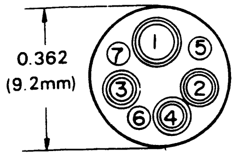

M-25
YWV360PCM0213
VR505
EVCBB8L20A14
M-31
YWV360PR01A
B2×4
M-32
YWV360PFB01
B3×6
V-2
YUB150ACB4
B4×50
M-74
YWV340PUM02A
M-73
YWV360PAM03E
M-34
YWV360PWM02B
M-35
YWV340PAM05
M-77
YWV340PAM16
B3×6
(Purple)
WC
B3×6
(Tap-tight)
N4
J-4
YW3C-32
M-17
YWV340PHR01
M-30
YWV340PWM02A
B3×6
3W
M-76
YWV340PAM15
M-33
YWV360PWM01A
E-17 YQL1-2PH-SE
B3×6
(Purple)
WC
SW-2 YSTS-J0282-4
M-21
YWV341PWM02
B3×6
(Tap-tight)
B3×6
3W
T-2
YWFS3620A
E-2
YWV361PZK02
M-23
YWV340PAM14
M-28
YWV360PAM01
M-28
YWV360PAM01
E-6
YW22J-22C
E-1
YWV361PZK01
B3×
M-30
B3×8
E-2
YWV361PZK02
YWV340PWM03
B3×6
T-902
YWETH16F6A
M-26
YWV340PCM05A
B3×6
(Tap-tight)
M-29
YWV340PAM04A
M-27
YWMV360PCM03A
WC
B3×6
Tally
M-28
YWV360PAM01
B3×6
M-23
E-9
YWM20082A
YWV340PAM14
B3×6
B3×6
B3×6
(Purple)
M-72
YWV360PAM04A
WC
M-64
YWBC-24
M-40
YWMTC12AM05A
B3×8
M-39
YWV240PAM01A
B3×12
E-7 YWSTJ-12
E-6
YW22J-22C
M-29
YWV340PAM04A
M-24
YWV360PCM01D
E-5
YWV360PZK05A

SYSTEM DIAGRAM

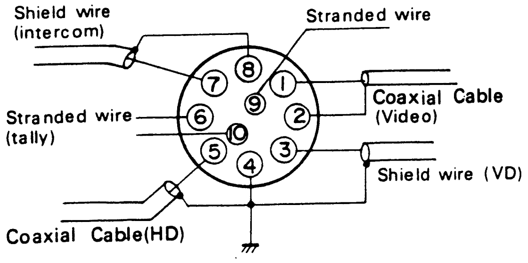

WJ-120N/WJ-121N
(PULSE GENERATOR)
H
V
H
V
H
V
TO OTHER SYSTEM
WJ-545N/WJ-546N
(SPECIAL EFFECTS GENERATOR)
EXT HD
VD
BL
SYNC
KEY
PRE VIEW
OUTPUT1
OUTPUT2
AUX
VEC-2
M2
M4
MONITOR
MONI-TOR
M
MO
LINE OUTPUT
VTR
K.C
N.C
VIDEO OUTPUT
H.DSYNC
V.DSYNC
TALLY LIGHT
INTERCOM
MULTI CABLE
LINE VIEW VIDEO
(1)
(6)
V.D
V.D
H.D
H.D
WJ-140N
(PULSE DISTRIBUTION AMPLIFIER)
O.C
H.D
V.D
WJ-901N
(JUNCTION BOX)
H
V
WJ-190N
(SYNC CONVERTER)
TO O.C (4B-20)
TO O.C

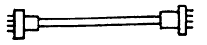
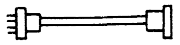
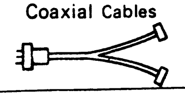
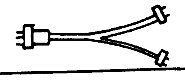
◎ .... UHF CONNECTOR
○ .... 10P MULTI-CONNECTOR
△ .... 6P CONNECTOR FOR HD. VD
⊚ .... 4P CONNECTOR FOR TALLY LIGHT & INTERCOM
NC........ New type Camera (Pulse synchronizing)
OC .... Old type Camera (Sinc wave synchronizing)
K.C....... Key Camera (N.C.)

STRUCTURE OF 10G & 10H CABLE


0.362
(9.2mm)
1
2
3
4
5
6
7

1 ···Coaxial Cable
2 ···Coaxial Cable
3 ···Shield wire
4 ···Shield wire
5 ···Stranded wire
6 ···Stranded wire
7 ···Stranded wire


Shield wire
(intercom)
Stranded wire
Stranded wire
(tally)
Coaxial Cable
(Video)
Shield wire (VD)
Coaxial Cable(HD)
1
2
3
4
5
6
7
8
9
10

MODEL NO	LENGTH	CONNECTOR & CONDUCTOR	
10G-25	25ft (8m)	7 Conductors  10P MALE 10P MALE	HD VD VIDEO POWER FOR TALLY LIGHTS POWER FOR INTERCOM
10G-50	50ft (16m)		
10G-100	100ft (30m)		
10H-25	25ft (8m)	7 Conductors  10P MALE 10P FEMALE	SAME AS 10G-EXTENSION CABLES FOR 10G'S
10H-50	50ft (16m)		
10H-100	100ft (30m)		
JC-1D	1ft (30cm)	Coaxial Cables 	HD VD
JC-2D	1ft (30cm)		HD & VD(SINE) POWER FOR TALLY LIGHT POWER FOR INTERCOM

CIRCUIT DESCRIPTION

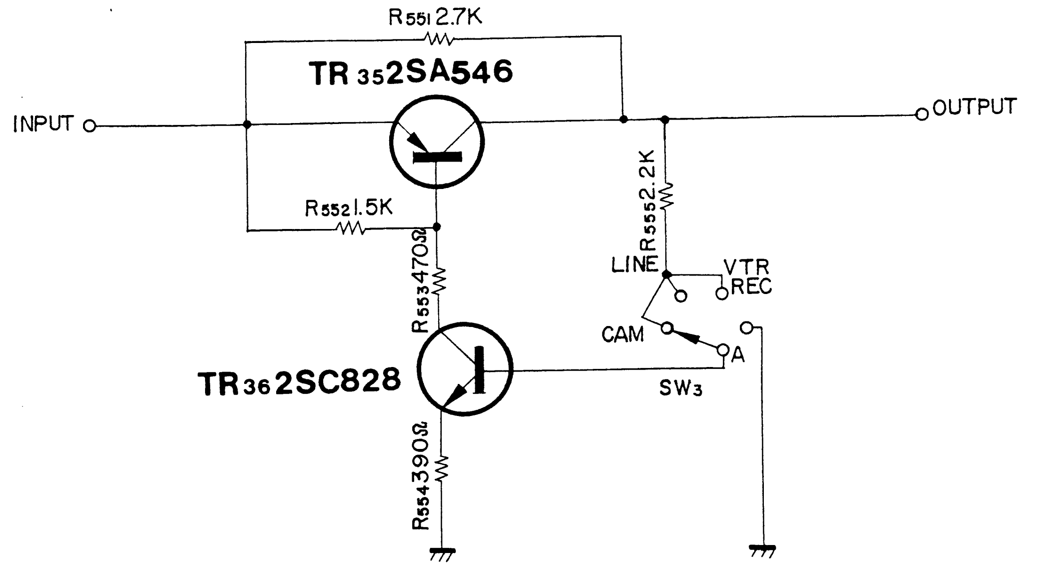
(ELECTRONIC SWITCH SECTION)

When the monitor selector is turned to "VTR PLAY" the electric power of the camera section (video amplifier & deflection section) is switched off by means of the ON-OFF function of the transistor circuit.

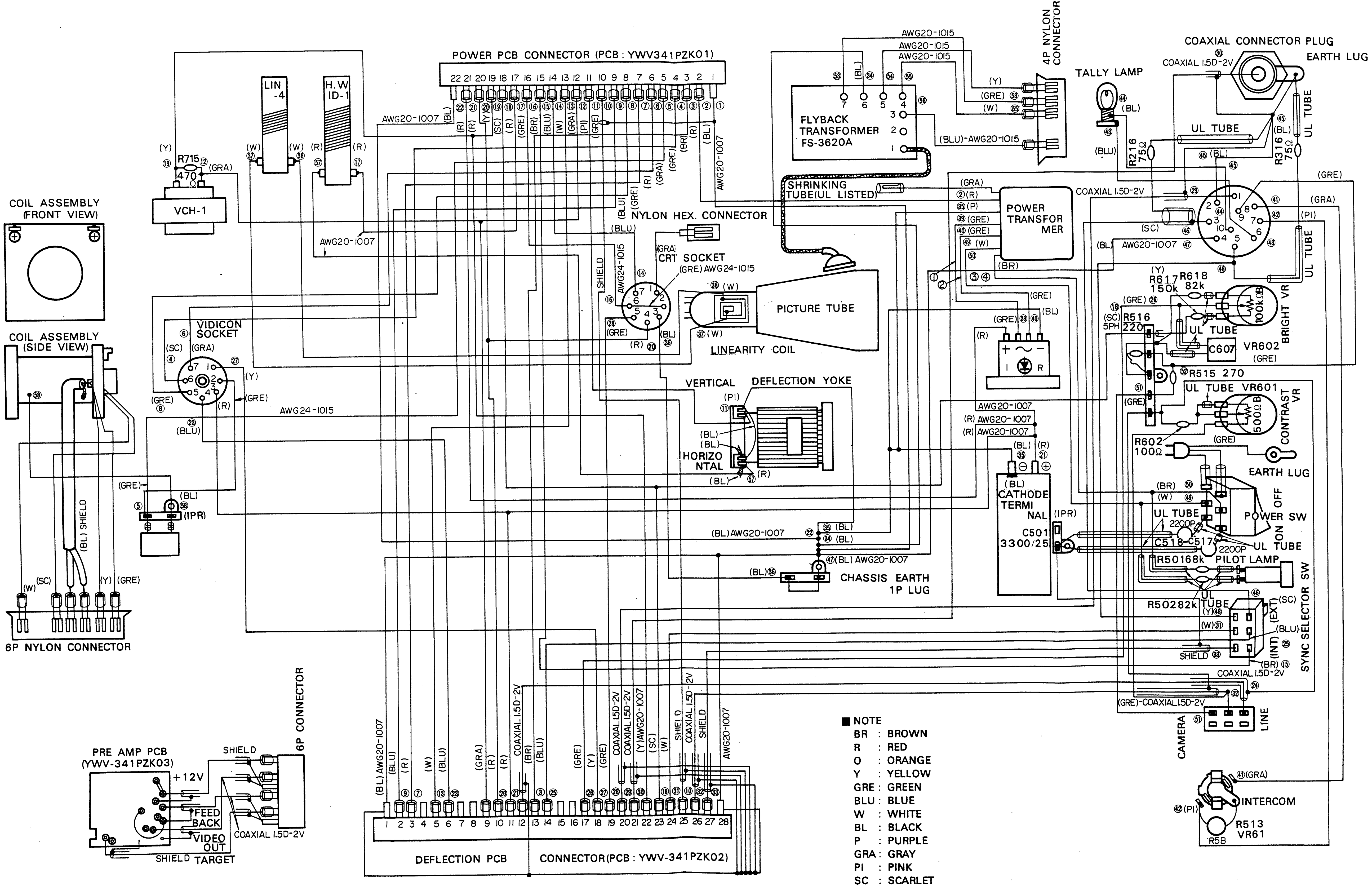
No noise band will appear on the picture since an electronic switch is used.

1) When the rotary switch on the rear panel is set at "VTR REC, LINE, CAM", the current is sent through the bleeder resistor R551. Thus, the following path is provided for the flow of current.
R551 → R555 → Rotary Switch → TR36 "ON" TR35 "ON" → B + power source "ON".

2) When the rotary switch on the rear panel is set to "VTR PLAY" or the load developes A short circuit, the voltage at point A drops, and the following channel is not provided.
TR36 "OFF" → TR35 "OFF" → B + power source.


R551 2.7K
TR 35 2SA546
INPUT
OUTPUT
R552 1.5K
R555 2.2K
R553 470Ω
TR36 2SC828
R554 390Ω
LINE
VTR REC
CAM
A
SW3

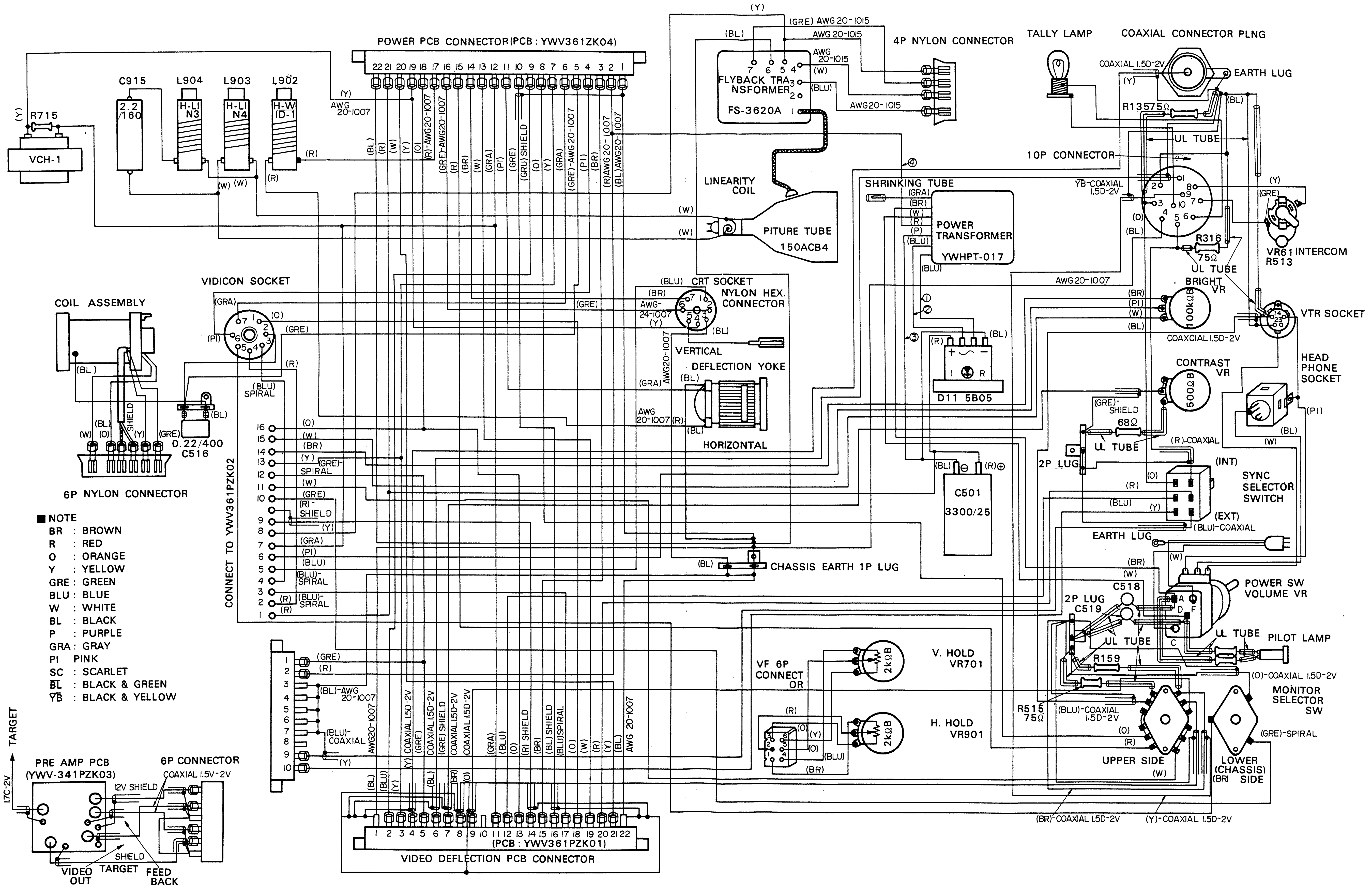
WIRING DIAGRAM MODEL WV-341N


POWER PCB CONNECTOR (PCB : YWV341PZK01)
22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
AWG20-1007
LIN -4
H.W ID-1
R715
470Ω
VCH-1
COIL ASSEMBLY (FRONT VIEW)
COIL ASSEMBLY (SIDE VIEW)
VIDICON SOCKET
AWG24-1015
(BL) SHIELD
6P NYLON CONNECTOR
(IPR)
NYLON HEX. CONNECTOR
CRT SOCKET
(GRE) AWG24-1015
SHIELD
AWG24-1015
PICTURE TUBE
LINEARITY COIL
VERTICAL
DEFLECTION YOKE
HORIZONTAL
SHRINKING TUBE(UL LISTED)
FLYBACK TRANSFORMER FS-3620A
(BLU)-AWG20-1015
AWG20-1015
4P NYLON CONNECTOR
TALLY LAMP
COAXIAL CONNECTOR PLUG
COAXIAL 1.5D-2V
EARTH LUG
UL TUBE
R216 75Ω
R316 75Ω
POWER TRANSFORMER
COAXIAL 1.5D-2V
AWG20-1007
R617 150k
R618 82k
R516 5PH 220
100kΩB
BRIGHT VR
C607
VR602
R515 270
VR601
500ΩB
CONTRAST VR
R602 100Ω
EARTH LUG
AWG20-1007
CATHODE TERMINAL
C501 3300/25
(BL) AWG20-1007
(BL) AWG20-1007
CHASSIS EARTH 1P LUG
POWER SW
ON
OFF
2200P
C518
C517
R501 68k
PILOT LAMP
R502 82k
SYNC SELECTOR SW
(EXT)
(INT)
SHIELD
COAXIAL 1.5D-2V
(GRE)-COAXIAL 1.5D-2V
CAMERA
LINE
INTERCOM
R513 VR61
R5B
PRE AMP PCB (YWV-341PZK03)
+12V
FEED BACK
VIDEO OUT
TARGET
SHIELD
COAXIAL 1.5D-2V
6P CONNECTOR
DEFLECTION PCB
CONNECTOR(PCB : YWV-341PZK02)
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

■ NOTE

BR : BROWN
R : RED
O : ORANGE
Y : YELLOW
GRE : GREEN
BLU : BLUE
W : WHITE
BL : BLACK
P : PURPLE
GRA : GRAY
PI : PINK
SC : SCARLET
B̄L : BLACK & GREEN
ȲB : BLACK & YELLOW

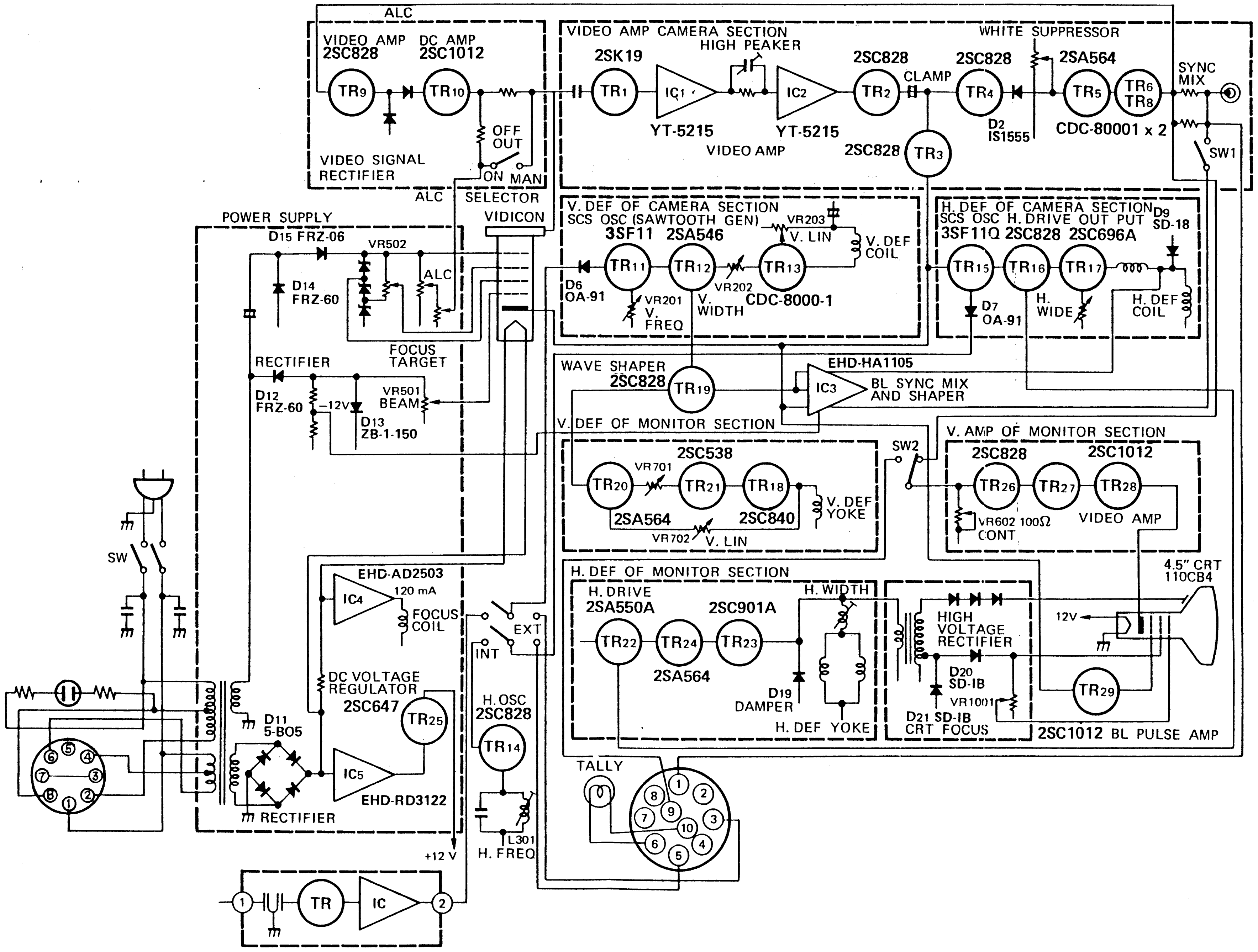
WIRING DIAGRAM MODEL WV-361N


POWER PCB CONNECTOR (PCB : YWV361ZK04)
22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
C915
2.2/160
L904
H-LI N3
L903
H-LI N4
L902
H-W ID-1
R715
VCH-1
AWG 20-1007
(GRE) AWG 20-1015
AWG 20-1015
FLYBACK TRANSFORMER
FS-3620A
4P NYLON CONNECTOR
TALLY LAMP
COAXIAL CONNECTOR PLNG
COAXIAL 1.5D-2V
EARTH LUG
R135 75Ω
UL TUBE
10P CONNECTOR
YB-COAXIAL 1.5D-2V
LINEARITY COIL
PITURE TUBE
150ACB4
SHRINKING TUBE
POWER TRANSFORMER
YWHPT-017
R316
75Ω
VR61 INTERCOM
R513
BRIGHT VR
100kΩB
VTR SOCKET
COAXCIAL 1.5D-2V
CONTRAST VR
500ΩB
HEAD PHONE SOCKET
COIL ASSEMBLY
VIDICON SOCKET
CRT SOCKET
NYLON HEX. CONNECTOR
AWG-24-1007
VERTICAL DEFLECTION YOKE
HORIZONTAL
D11 5B05
0.22/400
C516
6P NYLON CONNECTOR
CONNECT TO YWV361PZK02
SPIRAL
SHIELD
(GRE)-SHIELD
68Ω
UL TUBE
2P LUG
C501
3300/25
(INT)
SYNC SELECTOR SWITCH
(EXT)
(BLU)-COAXIAL
EARTH LUG
CHASSIS EARTH 1P LUG
POWER SW VOLUME VR
C518
2P LUG
C519
UL TUBE
PILOT LAMP
R159
VF 6P CONNECTOR
V. HOLD VR701
2kΩB
H. HOLD VR901
R515
75Ω
(BLU)-COAXIAL 1.5D-2V
(O)-COAXIAL 1.5D-2V
MONITOR SELECTOR SW
(GRE)-SPIRAL
UPPER SIDE
LOWER (CHASSIS) SIDE
(BR)-COAXIAL 1.5D-2V
(Y)-COAXIAL 1.5D-2V
TARGET
1.7C-2V
PRE AMP PCB (YWV-341PZK03)
6P CONNECTOR
COAXIAL 1.5V-2V
12V SHIELD
SHIELD
VIDEO OUT
TARGET
FEED BACK
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
(PCB : YWV361PZK01)
VIDEO DEFLECTION PCB CONNECTOR

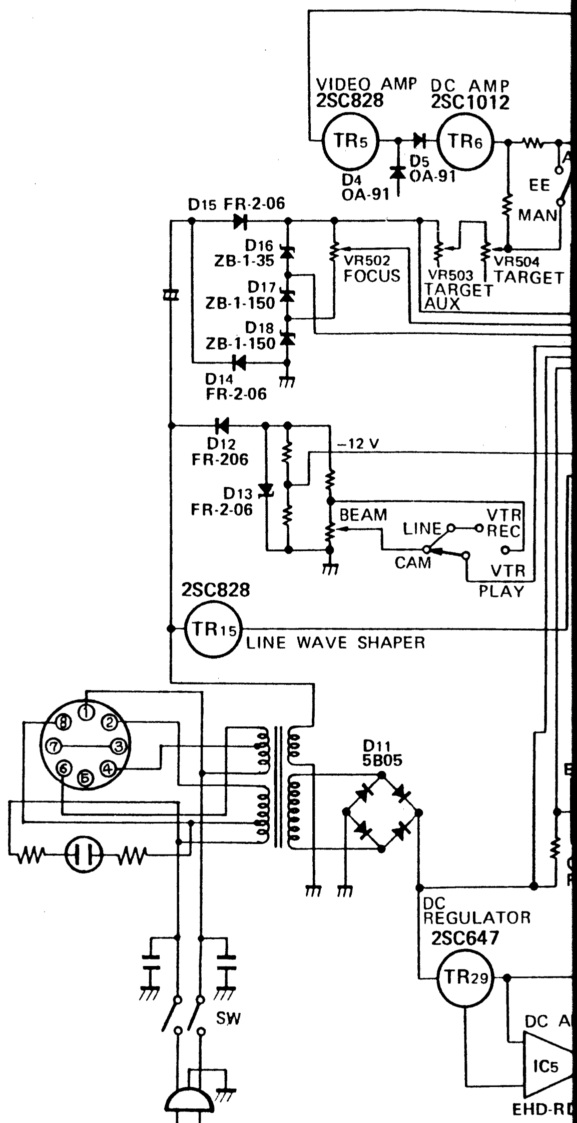
■ NOTE

BR	:	BROWN
R	:	RED
O	:	ORANGE
Y	:	YELLOW
GRE	:	GREEN
BLU	:	BLUE
W	:	WHITE
BL	:	BLACK
P	:	PURPLE
GRA	:	GRAY
PI		PINK
SC	:	SCARLET
$\overline{BL}$	:	BLACK & GREEN
$\overline{YB}$	:	BLACK & YELLOW

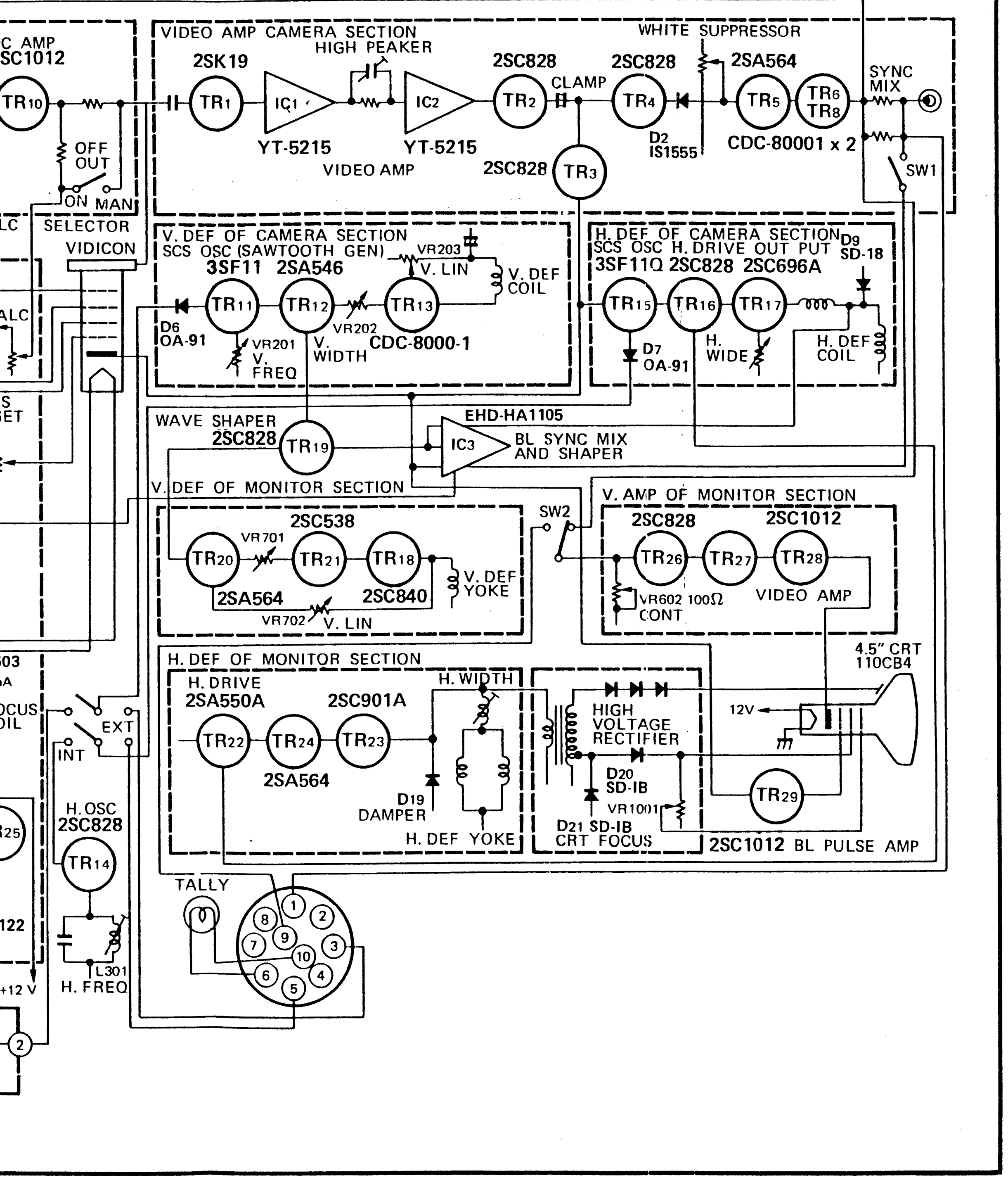
BLOCK DIAGRAM MODEL WV-341N


ALC
VIDEO AMP 2SC828
DC AMP 2SC1012
TR9
TR10
OFF
OUT
VIDEO SIGNAL RECTIFIER
ON MAN
ALC SELECTOR
VIDEO AMP CAMERA SECTION
HIGH PEAKER
2SK19
TR1
IC1
IC2
YT-5215
YT-5215
VIDEO AMP
2SC828
TR2
CLAMP
2SC828
TR3
WHITE SUPPRESSOR
2SC828
TR4
D2 IS1555
2SA564
TR5
TR6 TR8
CDC-80001 x 2
SYNC MIX
SW1
POWER SUPPLY
D15 FRZ-06
VR502
D14 FRZ-60
ALC
FOCUS
TARGET
RECTIFIER
D12 FRZ-60
-12V
VR501 BEAM
D13 ZB-1-150
VIDICON
V. DEF OF CAMERA SECTION
SCS OSC (SAWTOOTH GEN)
VR203
V. LIN
3SF11
2SA546
TR11
TR12
TR13
V. DEF COIL
D6 OA-91
VR201 V. FREQ
V. WIDTH
VR202
CDC-8000-1
H. DEF OF CAMERA SECTION
SCS OSC H. DRIVE OUT PUT
D9 SD-18
3SF11Q 2SC828 2SC696A
TR15
TR16
TR17
D7 OA-91
H. WIDE
H. DEF COIL
WAVE SHAPER 2SC828
TR19
EHD-HA1105
IC3
BL SYNC MIX AND SHAPER
V. DEF OF MONITOR SECTION
2SC538
TR20
VR701
TR21
TR18
V. DEF YOKE
2SA564
2SC840
VR702 V. LIN
SW2
V. AMP OF MONITOR SECTION
2SC828
2SC1012
TR26
TR27
TR28
VR602 100Ω CONT
VIDEO AMP
4.5" CRT 110CB4
EHD-AD2503
IC4
120 mA
FOCUS COIL
DC VOLTAGE REGULATOR 2SC647
TR25
IC5
EHD-RD3122
D11 5-BO5
RECTIFIER
SW
EXT
INT
H. OSC 2SC828
TR14
L301 H. FREQ
+12 V
H. DEF OF MONITOR SECTION
H. DRIVE 2SA550A
2SC901A
H. WIDTH
TR22
TR24
TR23
2SA564
D19 DAMPER
H. DEF YOKE
HIGH VOLTAGE RECTIFIER
D20 SD-IB
VR1001
D21 SD-IB CRT FOCUS
12V
TR29
2SC1012 BL PULSE AMP
TALLY
TR
IC
①
②

BLOCK DIAGRAM

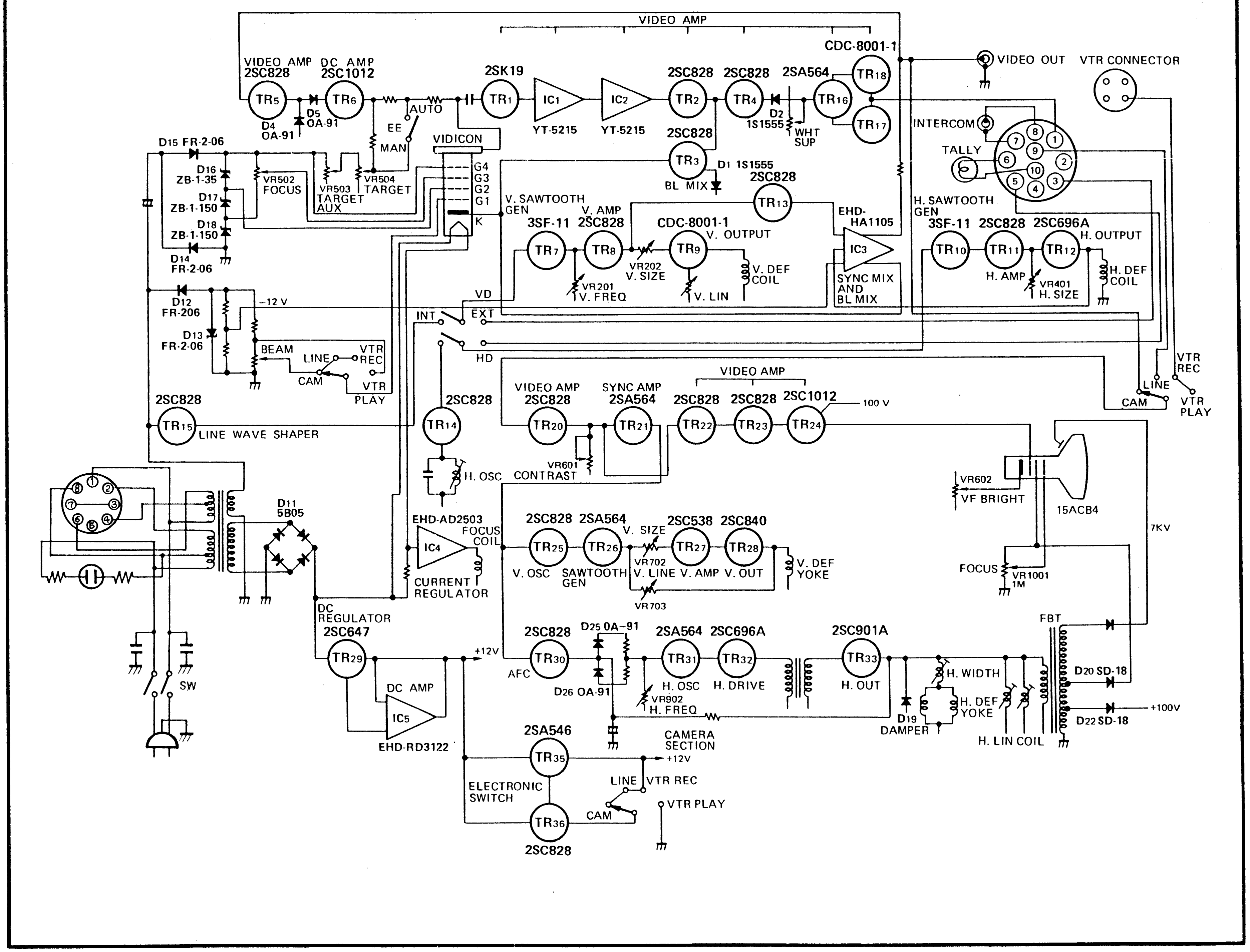

VIDEO AMP 2SC828
DC AMP 2SC1012
TR5
TR6
D4 OA-91
D5 OA-91
EE
MAN
D15 FR-2-06
D16 ZB-1-35
D17 ZB-1-150
D18 ZB-1-150
D14 FR-2-06
VR502 FOCUS
VR503 TARGET AUX
VR504 TARGET
D12 FR-206
D13 FR-2-06
-12 V
BEAM
LINE
CAM
VTR REC
VTR PLAY
2SC828
TR15
LINE WAVE SHAPER
D11 5B05
DC REGULATOR 2SC647
TR29
SW
DC A
IC5
EHD-R

ODEL WV-341N



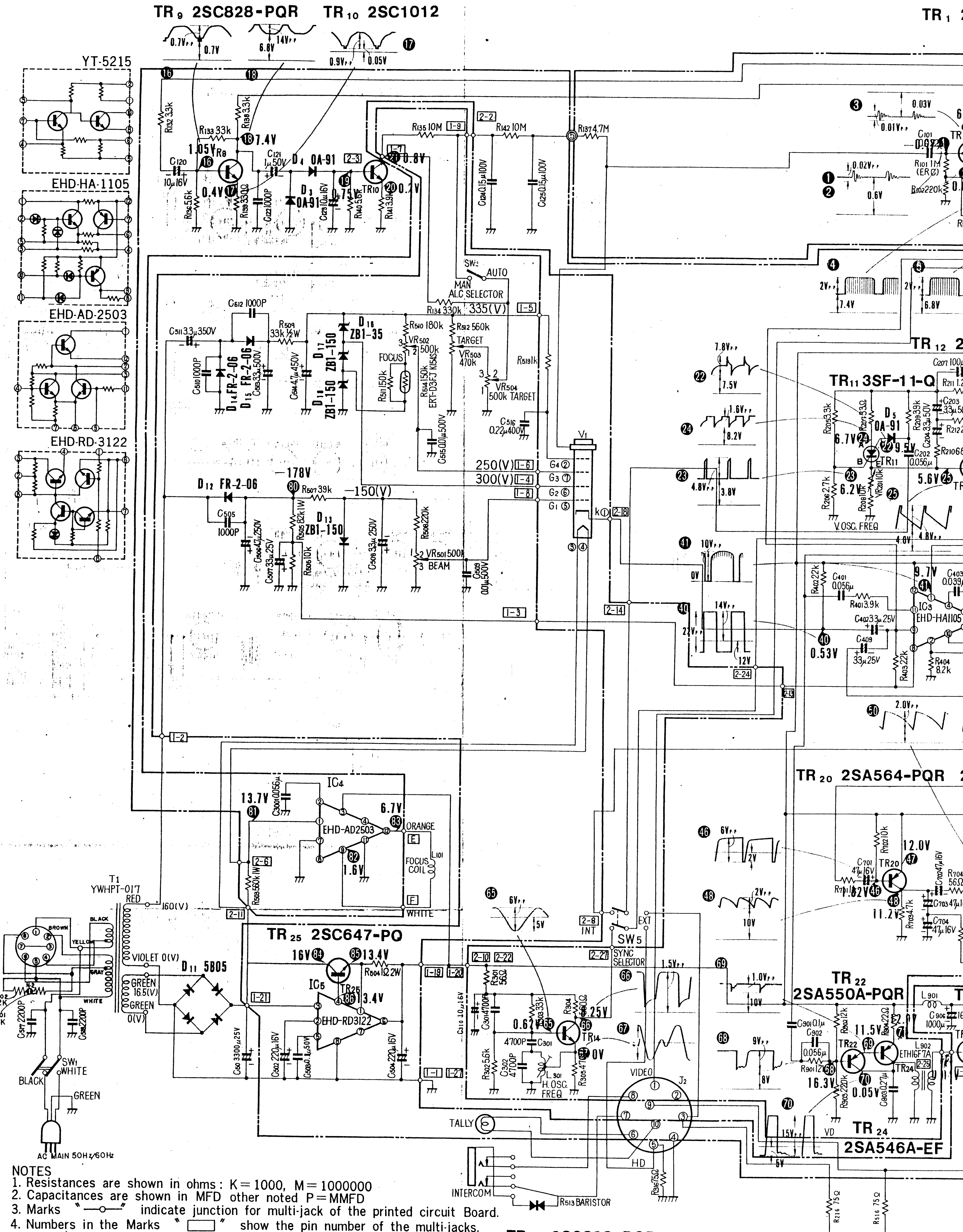
C AMP
SC1012
TR10
OFF
OUT
ON MAN
LC SELECTOR
VIDICON
ALC
S
ET
VIDEO AMP CAMERA SECTION
HIGH PEAKER
WHITE SUPPRESSOR
2SK19
TR1
IC1
IC2
YT-5215
YT-5215
VIDEO AMP
2SC828
TR2
CLAMP
2SC828
TR4
D2
1S1555
2SA564
TR5
TR6
TR8
CDC-80001 x 2
2SC828
TR3
SYNC
MIX
SW1
V. DEF OF CAMERA SECTION
SCS OSC (SAWTOOTH GEN)
3SF11
2SA546
VR203
V. LIN
V. DEF
COIL
TR11
TR12
TR13
D6
OA-91
VR201
V. FREQ
VR202
V. WIDTH
CDC-8000-1
H. DEF OF CAMERA SECTION
SCS OSC H. DRIVE OUT PUT
3SF11Q 2SC828 2SC696A
D9
SD-18
TR15
TR16
TR17
D7
OA-91
H. WIDE
H. DEF
COIL
WAVE SHAPER
2SC828
TR19
EHD-HA1105
IC3
BL SYNC MIX
AND SHAPER
V. DEF OF MONITOR SECTION
2SC538
TR20
VR701
TR21
TR18
V. DEF
YOKE
2SA564
2SC840
VR702
V. LIN
SW2
V. AMP OF MONITOR SECTION
2SC828
2SC1012
TR26
TR27
TR28
VR602 100Ω
CONT
VIDEO AMP
H. DEF OF MONITOR SECTION
H. DRIVE
2SA550A
2SC901A
TR22
TR24
TR23
2SA564
H. WIDTH
D19
DAMPER
H. DEF YOKE
HIGH
VOLTAGE
RECTIFIER
D20
SD-IB
VR1001
D21 SD-IB
CRT FOCUS
12V
4.5" CRT
110CB4
TR29
2SC1012 BL PULSE AMP
TALLY
03
A
OCUS
OIL
EXT
INT
25
H. OSC
2SC828
TR14
122
L301
H. FREQ
+12 V

BLOCK DIAGRAM MODEL WV-361N



VIDEO AMP
CDC-8001-1
VIDEO AMP
2SC828
DC AMP
2SC1012
TR5
TR6
D4
OA-91
D5
OA-91
AUTO
EE
MAN
2SK19
TR1
IC1
IC2
YT-5215
YT-5215
2SC828
2SC828
2SA564
TR2
TR4
TR16
TR18
TR17
D2
1S1555
WHT
SUP
2SC828
TR3
D1 1S1555
BL MIX
2SC828
TR13
VIDEO OUT
VTR CONNECTOR
INTERCOM
TALLY
D15 FR-2-06
D16
ZB-1-35
D17
ZB-1-150
D18
ZB-1-150
D14
FR-2-06
VR502
FOCUS
VR503
TARGET
AUX
VR504
TARGET
VIDICON
G4
G3
G2
G1
K
V. SAWTOOTH
GEN
3SF-11
V. AMP
2SC828
CDC-8001-1
V. OUTPUT
TR7
TR8
TR9
VR202
V. SIZE
VR201
V. FREQ
V. LIN
V. DEF
COIL
EHD-
HA1105
IC3
SYNC MIX
AND
BL MIX
H. SAWTOOTH
GEN
3SF-11
2SC828
2SC696A
H. OUTPUT
TR10
TR11
TR12
H. AMP
VR401
H. SIZE
H. DEF
COIL
D12
FR-206
D13
FR-2-06
-12 V
BEAM
LINE
CAM
VTR
REC
VTR
PLAY
VD
INT
EXT
HD
VTR
REC
LINE
CAM
VTR
PLAY
2SC828
TR15
LINE WAVE SHAPER
2SC828
TR14
H. OSC
VIDEO AMP
2SC828
SYNC AMP
2SA564
VIDEO AMP
2SC828
2SC828
2SC1012
TR20
TR21
TR22
TR23
TR24
100 V
VR601
CONTRAST
VR602
VF BRIGHT
15ACB4
7KV
D11
5B05
EHD-AD2503
FOCUS
COIL
IC4
CURRENT
REGULATOR
2SC828
2SA564
V. SIZE
2SC538
2SC840
TR25
TR26
TR27
TR28
V. OSC
SAWTOOTH
GEN
VR702
V. LINE
V. AMP
V. OUT
VR703
V. DEF
YOKE
FOCUS
VR1001
1M
DC
REGULATOR
2SC647
TR29
+12V
DC AMP
IC5
EHD-RD3122
2SC828
TR30
AFC
D25 0A-91
D26 OA-91
2SA564
2SC696A
TR31
TR32
H. OSC
H. DRIVE
VR902
H. FREQ
2SC901A
TR33
H. OUT
D19
DAMPER
H. WIDTH
H. DEF
YOKE
H. LIN COIL
FBT
D20 SD-18
+100V
D22 SD-18
SW
2SA546
TR35
CAMERA
SECTION
+12V
ELECTRONIC
SWITCH
LINE
VTR REC
CAM
VTR PLAY
TR36
2SC828

SCHEMATIC DIAGRAM MODE

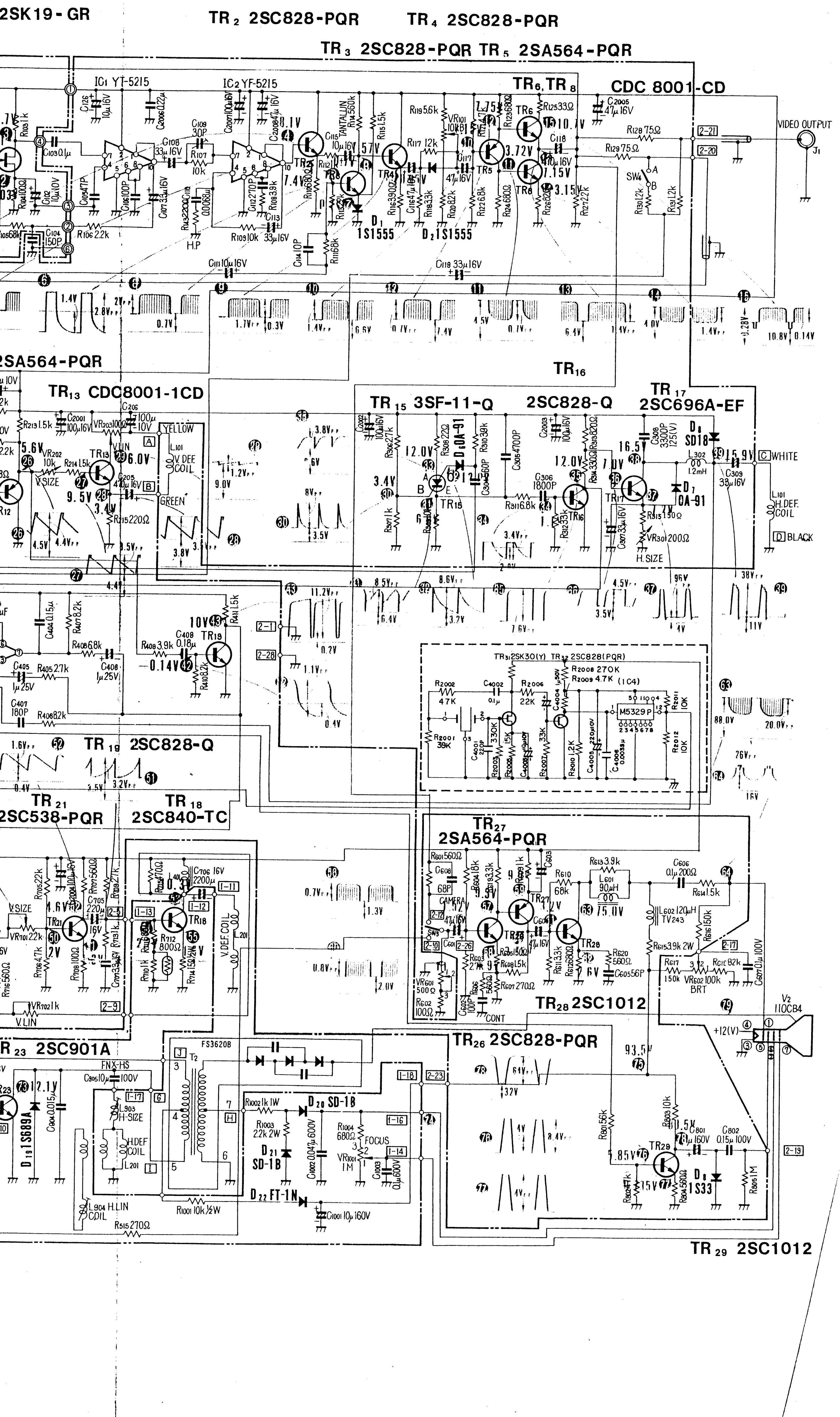


TR9 2SC828-PQR
TR10 2SC1012
TR1
YT-5215
EHD-HA-1105
EHD-AD-2503
EHD-RD-3122
R132 33k
R133 33k
R138 3.3k
R135 10M
R142 10M
R137 4.7M
C120 10μ16V
C121 1μ50V
D4 OA-91
D3 OA91
R136 56k
R139 330Ω
C122 1000P
C123 10μ16V
R140 56k
R141 3.9k
C124 0.15μ100V
C125 0.15μ100V
7.4V
1.05V
0.4V
0.75V
0.8V
0.2V
0.7Vp-p
0.7V
14Vp-p
6.8V
0.9Vp-p
0.05V
SW2 AUTO MAN ALC SELECTOR
R134 330k
335(V)
C512 1000P
C511 33μ350V
R509 33k 1/2W
D16 ZB1-35
D17 ZB1-150
D18 ZB1-150
D14 FR-2-06
D15 FR-2-06
C510 1000P
C513 3.3μ500V
C514 4.7μ450V
R510 180k
R512 560k
VR502 500k FOCUS
TARGET
VR503 470k
R511 150k
R514 150k ERT-D5FJ K154S
R519 1k
VR504 500k TARGET
C516 0.22μ400V
C515 0.01μ500V
250(V)
300(V)
V1
G4 ②
G3 ⑦
G2 ⑥
G1 ⑤
k ①
D12 FR-2-06
-178V
-150(V)
R507 39k
C505 1000P
C506 47μ250V
C507 33μ25V
R505 82k 1W
D13 ZB1-150
R506 10k
C508 33μ250V
R508 220k
VR501 500k BEAM
C509 0.01μ500V
IC4
EHD-AD2503
C300 0.056μ
13.7V
6.7V
1.6V
ORANGE
FOCUS COIL
L101
WHITE
R503 560k 1W
T1 YWHPT-017
RED
160(V)
BLACK
BROWN
YELLOW
GRAY
WHITE
VIOLET 0(V)
GREEN 16.5(V)
GREEN 0(V)
D11 5B05
R502 82K
R501 68K
C517 2200P
C518 2200P
SW1 WHITE
BLACK
GREEN
AC MAIN 50Hz/60Hz
TR25 2SC647-PQ
16V
13.4V
R504 1Ω 2W
IC5
EHD-RD3122
C501 3300μ25V
C502 220μ16V
C503 0.1μ50V
C504 220μ16V
6Vp-p
5V
SW5 SYNC SELECTOR
INT
EXT
R301 56Ω
C310 10μ16V
C301 4700P
R303 33k
R304 560Ω
0.62V
0.25V
TR14
0V
C302 4700P
L301 H.OSC FREQ
R302 5.6k
R305 47Ω
1.5Vp-p
VIDEO
J2
TALLY
HD
INTERCOM
R513 BARISTOR
R136 75Ω
TR14 2SC828-PQR
0.03V
0.01Vp-p
C101
R101 1M (ERΩ)
0.02Vp-p
0.6V
R102 220k
2Vp-p
7.4V
6.8V
TR12
TR11 3SF-11-Q
D5 OA-91
R205 3.3k
R207 33Ω
R209 39k
C204 3.3μ50V
C202 0.056μ
6.7V
9.5V
6.2V
5.6V
R206 2.7k
R208 10k
V.OSC. FREQ
7.8Vp-p
7.5V
1.6Vp-p
8.2V
4.8Vp-p
3.8V
10Vp-p
0V
14Vp-p
22Vp-p
12V
R402 22k
C401 0.056μ
R401 3.9k
C402 33μ25V
C409 33μ25V
0.53V
9.7V
IC3 EHD-HA1105
R403 22k
R404 8.2k
2.0Vp-p
TR20 2SA564-PQR
6Vp-p
2V
2Vp-p
10V
R702 10k
12.0V
C701 47μ16V
R701
8.2V
11.2V
R703 4.7k
C703 47μ
C704 47μ16V
1.0Vp-p
10V
9Vp-p
8V
TR22 2SA550A-PQR
C901 0.1μ
C902 0.056μ
R901 12k
R902 12k
11.5V
16.3V
0.05V
R903 220k
C903 0.27μ
L901
L902 ETHIGF7A
TR24 2SA546A-EF
15Vp-p
VD
5V
R216 75Ω
R516 75Ω

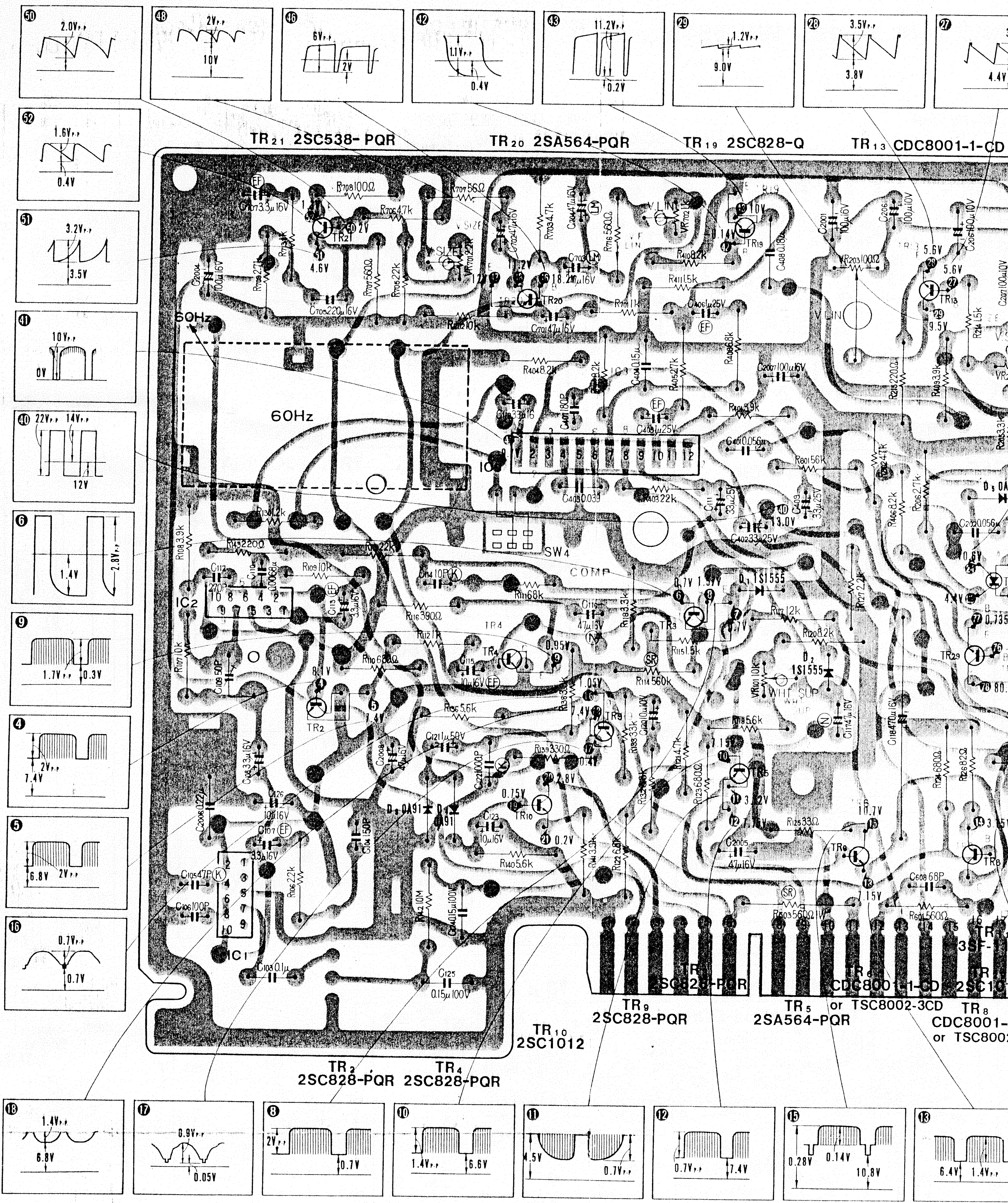
NOTES

1. Resistances are shown in ohms: K = 1000, M = 1000000
2. Capacitances are shown in MFD other noted P = MMFD
3. Marks "—o—" indicate junction for multi-jack of the printed circuit Board.
4. Numbers in the Marks "▭" show the pin number of the multi-jacks.
   - 1-▭ : for power Supply and Deflection OUTPUT board.
   - 2-▭ : for video and Deflection board.
5. Marks 1 ~ 5 indicate junction point for pre-amplifier circuit board.

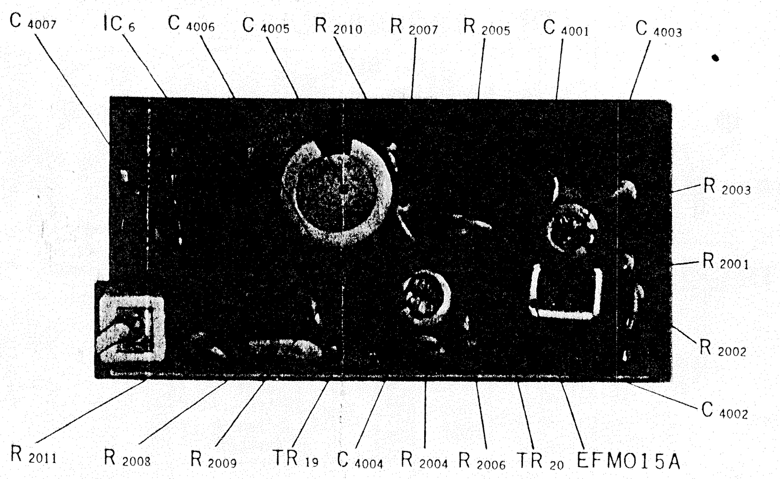
L WV-341N


2SK19-GR
TR₂ 2SC828-PQR
TR₄ 2SC828-PQR
TR₃ 2SC828-PQR TR₅ 2SA564-PQR
TR₆, TR₈ CDC 8001-CD
IC₁ YT-5215
IC₂ YF-5215
D₁ 1S1555
D₂ 1S1555
VIDEO OUTPUT
J₁
SW₄
2SA564-PQR
TR₁₃ CDC8001-1CD
TR₁₆
TR₁₅ 3SF-11-Q
2SC828-Q
TR₁₇ 2SC696A-EF
D₆ SD18
D₇ 0A-91
D₅ 0A-91
YELLOW
GREEN
V.DEF. COIL
V.SIZE
V.LIN
H.SIZE
WHITE
BLACK
H.DEF. COIL
TR₁₉
TR₃₁ 2SK30(Y) TR₃₂ 2SC828(PQR)
M5329P
(IC4)
TR₁₉ 2SC828-Q
TR₂₁ 2SC538-PQR
TR₁₈ 2SC840-TC
TR₂₇ 2SA564-PQR
CAMERA
CONT
BRT
TR₂₈ 2SC1012
V₂ 110CB4
+12(V)
TR₂₃ 2SC901A
FNX-HS
FS3620B
T₂
L₉₀₃ H-SIZE
H.DEF COIL
L₉₀₄ H.LIN COIL
D₁₉ 1S689A
D₂₀ SD-1B
D₂₁ SD-1B
D₂₂ FT-1N
FOCUS
TR₂₆ 2SC828-PQR
TR₂₉
D₈ 1S33
TR₂₉ 2SC1012

CONDUCTOR VIEW OF VIDEO & DEFLE

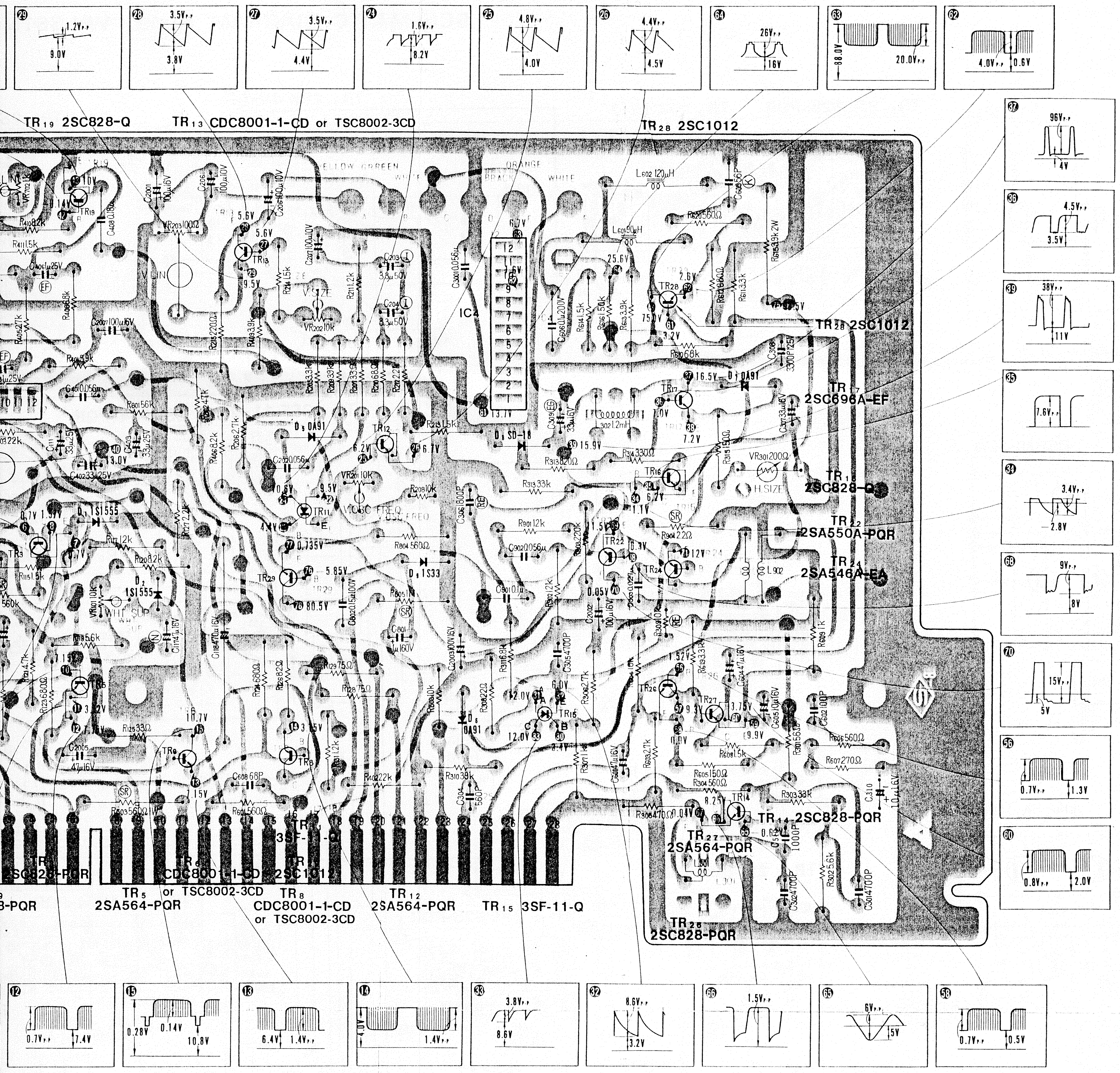


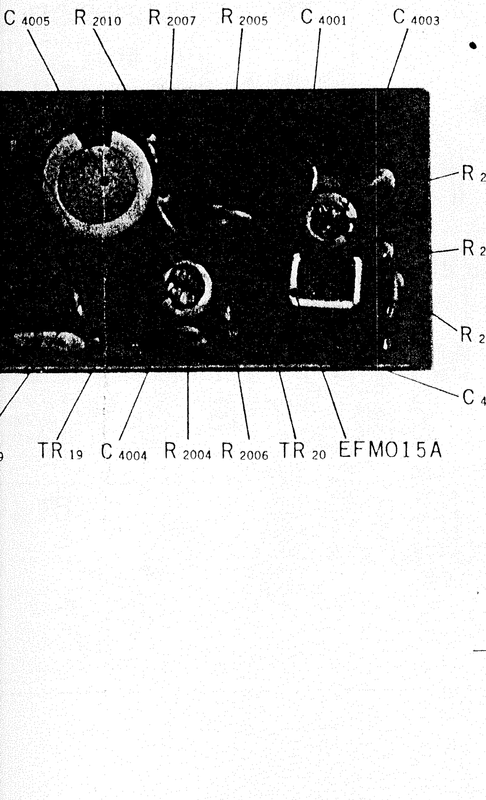
TR21 2SC538-PQR
TR20 2SA564-PQR
TR19 2SC828-Q
TR13 CDC8001-1-CD
TR9 2SC828-PQR
TR10 2SC1012
TR5 2SA564-PQR
TR8 CDC8001-
or TSC8002
CDC8001-1-CD
or TSC8002-3CD
TR2 2SC828-PQR
TR4 2SC828-PQR
IC1
IC2
SW4
60Hz
COMP
2.0Vp-p
10V
2Vp-p
6Vp-p
2V
1.1Vp-p
0.4V
11.2Vp-p
0.2V
1.2Vp-p
9.0V
3.5Vp-p
3.8V
4.4V
1.6Vp-p
3.2Vp-p
3.5V
10Vp-p
0V
22Vp-p
14Vp-p
12V
1.4V
2.8Vp-p
1.7Vp-p
0.3V
7.4V
6.8V
0.7Vp-p
0.7V
1.4Vp-p
0.9Vp-p
0.05V
6.6V
4.5V
0.28V
0.14V
10.8V
6.4V

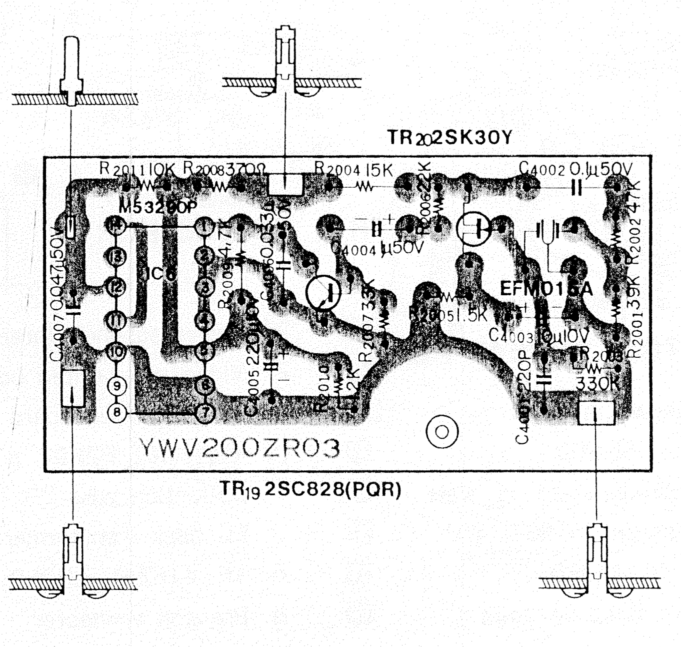


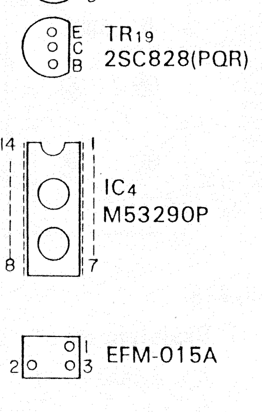
C 4007
IC 6
C 4006
C 4005
R 2010
R 2007
R 2005
C 4001
C 4003
R 2003
R 2001
R 2002
C 4002
R 2011
R 2008
R 2009
TR 19
C 4004
R 2004
R 2006
TR 20
EFM015A

R VIEW OF VIDEO & DEFLECTION SECTION YWV341P ZK02

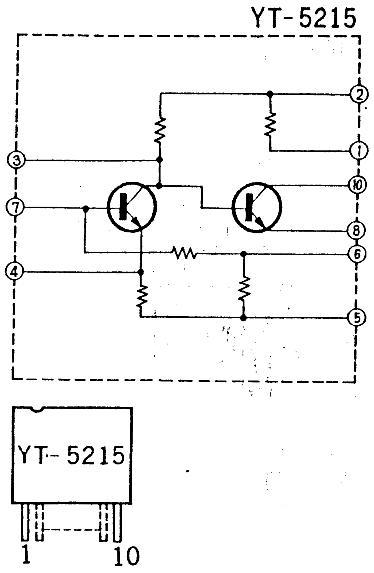

㉙ 1.2Vpp 9.0V
㉘ 3.5Vpp 3.8V
㉗ 3.5Vpp 4.4V
㉔ 1.6Vpp 8.2V
㉕ 4.8Vpp 4.0V
㉖ 4.4Vpp 4.5V
64 26Vpp 16V
63 88.0V 20.0Vpp
62 4.0Vpp 0.6V
㊲ 96Vpp 4V
㊱ 4.5Vpp 3.5V
㊴ 38Vpp 11V
㉟ 7.6Vpp
㉞ 3.4Vpp -2.8V
68 9Vpp 8V
70 15Vpp 5V
56 0.7Vpp 1.3V
60 0.8Vpp 2.0V
⑫ 0.7Vpp 7.4V
⑮ 0.28V 0.14V 10.8V
⑬ 6.4V 1.4Vpp
⑭ 4.0V 1.4Vpp
㉝ 3.8Vpp 8.6V
㉜ 8.6Vpp 3.2V
66 1.5Vpp
65 6Vpp 5V
58 0.7Vpp 0.5V
TR19 2SC828-Q
TR13 CDC8001-1-CD or TSC8002-3CD
TR28 2SC1012
TR28 2SC1012
TR17 2SC696A-EF
TR18 2SC828-Q
TR22 2SA550A-PQR
TR24 2SA546A-EA
TR14 2SC828-PQR
TR27 2SA564-PQR
TR26 2SC828-PQR
TR5 2SA564-PQR
TR6 CDC8001-1-CD or TSC8002-3CD
TR8 CDC8001-1-CD or TSC8002-3CD
TR9 2SC1012
TR12 2SA564-PQR
TR15 3SF-11-Q
IC4
VR203 100Ω
VR202 10k
VR201 10k
VR301 200Ω
H.SIZE
V.SIZE
V.LIN
OSC FREQ
WHT SUP
D1 1S1555
D2 1S1555
D3 0A91
D4 0A91
D5 SD-1B
D6 1S33
L602 120μH
L601 90μH
L302 12mH
L902
YELLOW GREEN
ORANGE
BLACK WHITE

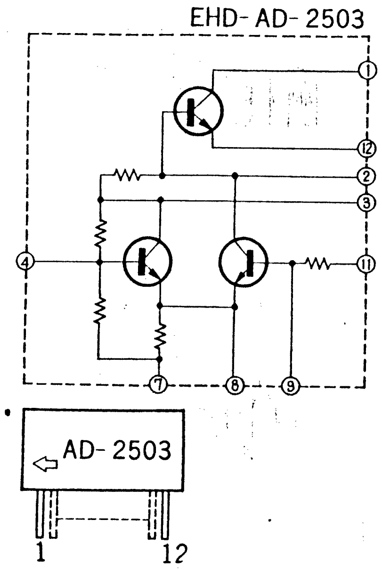

C4005
R2010
R2007
R2005
C4001
C4003
R2003
R2001
R2002
C4002
TR19
C4004
R2004
R2006
TR20
EFM015A

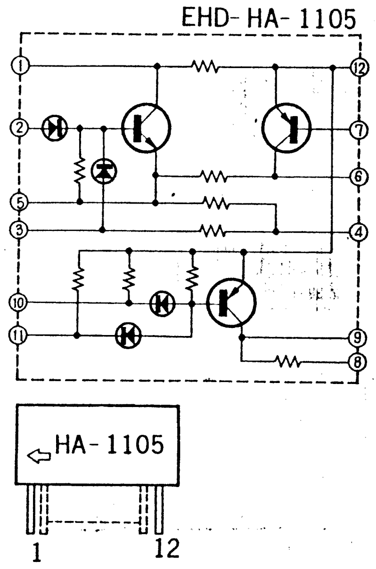

TR20 2SK30Y
R2011 10K
R2008 370Ω
R2004 15K
C4002 0.1μ50V
M53290P
IC6
C4004 1μ50V
EFM015A
C4003 10μ10V
R2001 39K
R2002 4.7K
330K
YWV200ZR03
TR19 2SC828(PQR)

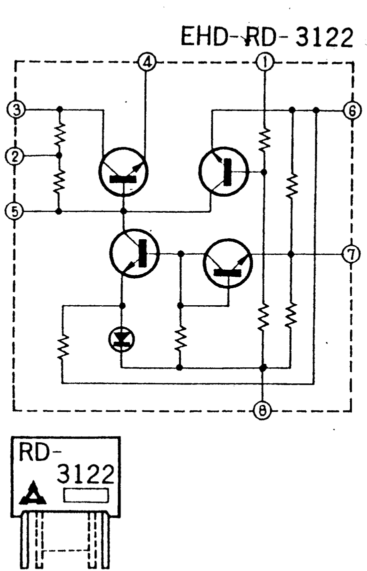

S G D
TR20 2SK30Y
E C B
TR19 2SC828(PQR)
14 1 8 7
IC4 M53290P
2 1 3
EFM-015A

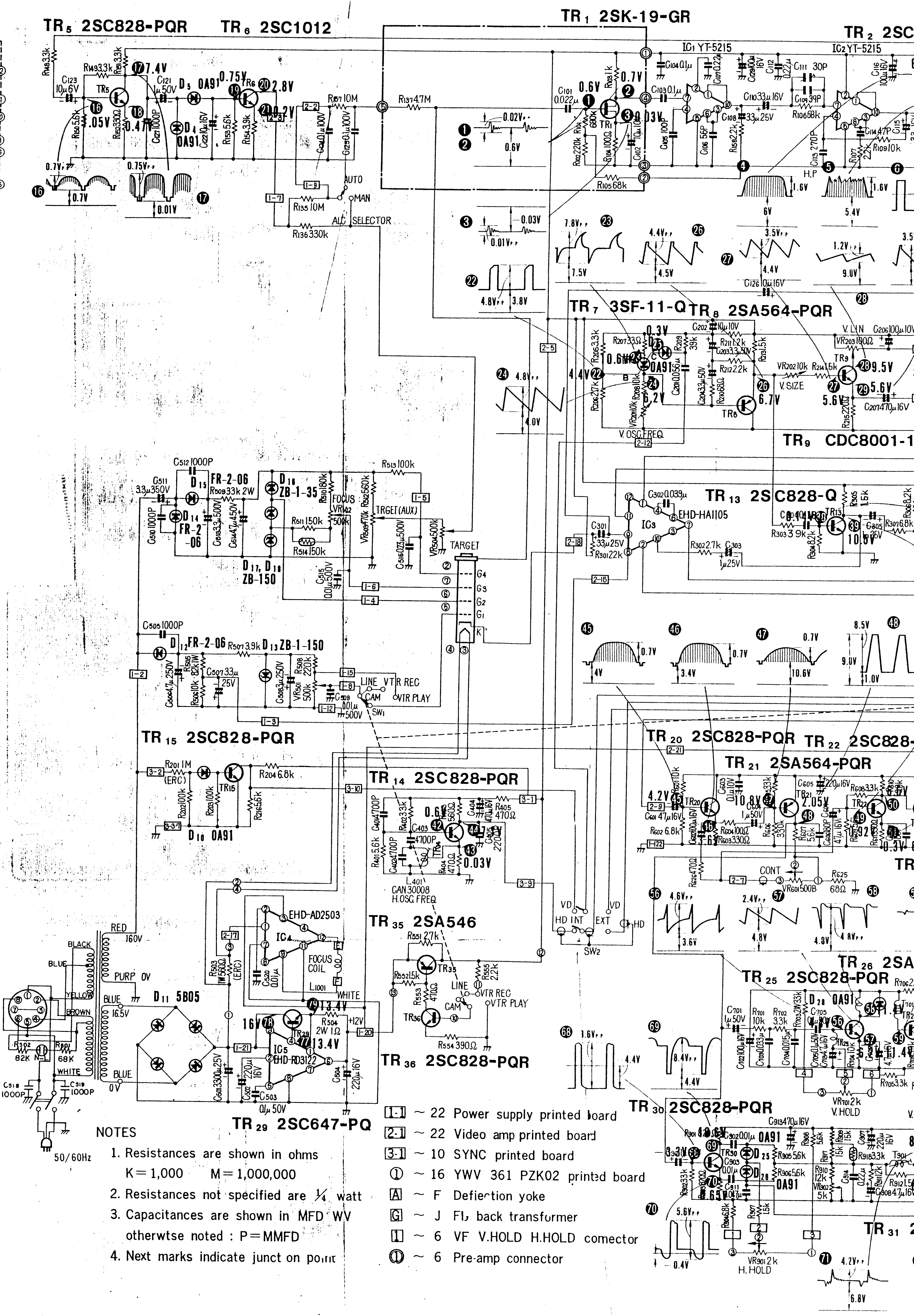
SCHEMATIC DIAGRAM MODEL WV-361N


YT-5215
YT-5215
1
10


EHD-AD-2503
AD-2503
1
12


EHD-HA-1105
HA-1105
1
12


EHD-RD-3122
RD-
3122
1
8

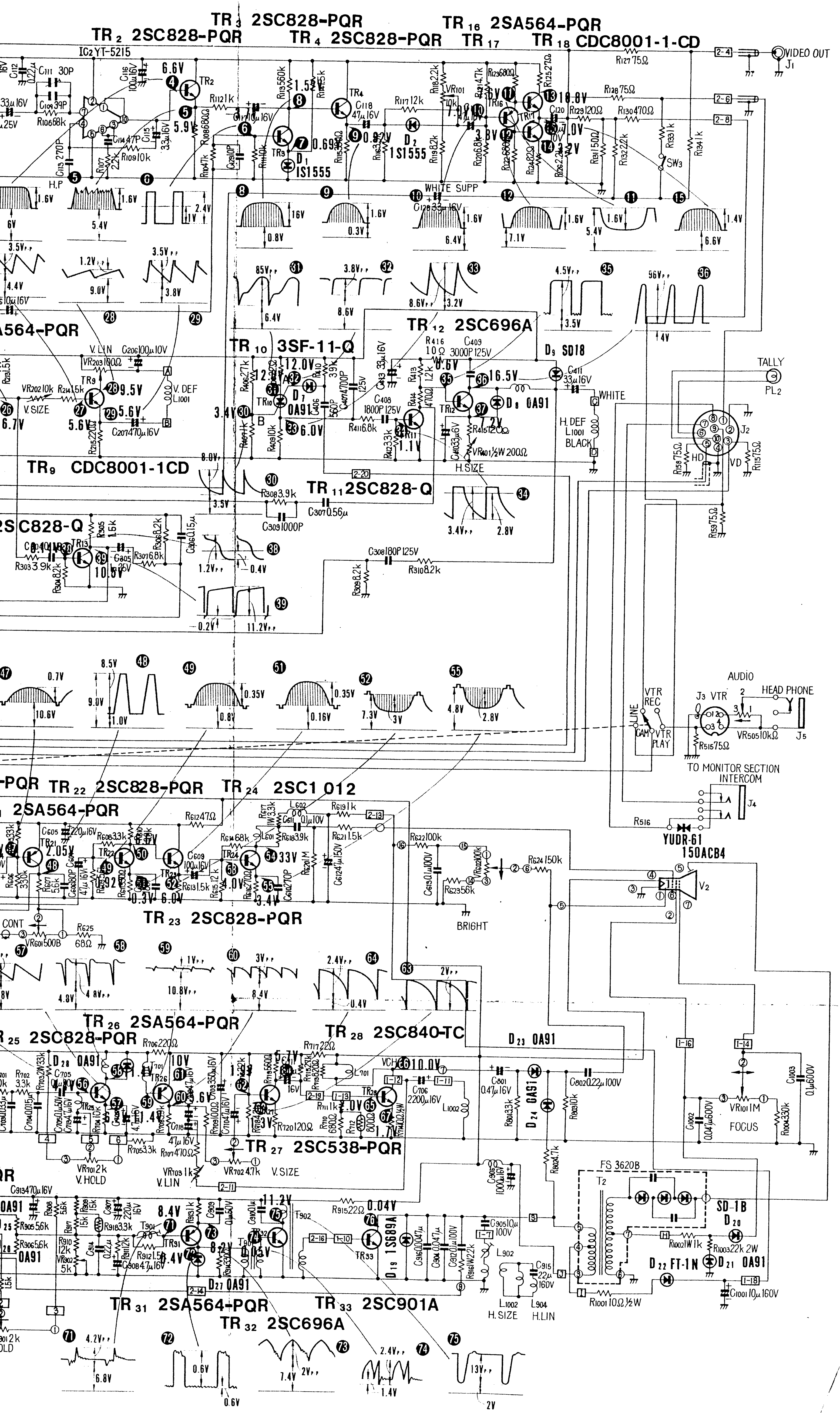

TR5 2SC828-PQR
TR6 2SC1012
TR1 2SK-19-GR
TR2 2SC
IC1 YT-5215
IC2 YT-5215
AUTO
MAN
ALC SELECTOR
TR7 3SF-11-Q
TR8 2SA564-PQR
TR9 CDC8001-1
V.OSC FREQ
V.SIZE
V.LIN
TR13 2SC828-Q
EHD-HA1105
IC3
D15 FR-2-06
D16 ZB-1-35
D14 FR-2-06
D17, D18 ZB-150
FOCUS
TRGET(AUX)
TARGET
G4
G3
G2
G1
K
D12 FR-2-06
D13 ZB-1-150
LINE
VTR REC
CAM
VTR PLAY
SW1
TR15 2SC828-PQR
D10 0A91
TR14 2SC828-PQR
L401
CAN 30008
H.OSC FREQ
EHD-AD2503
IC4
FOCUS COIL
L1001
RED
160V
BLACK
BLUE
PURP 0V
YELLOW
BROWN
BLUE 16.5V
WHITE
BLUE 0V
D11 5B05
IC5
EHD-RD3122
TR29 2SC647-PQ
TR35 2SA546
TR36 2SC828-PQR
50/60Hz
VD
HD
INT
EXT
SW2
TR20 2SC828-PQR
TR21 2SA564-PQR
TR22 2SC828-
CONT
TR25 2SC828-PQR
TR26 2SA
TR30 2SC828-PQR
V.HOLD
H.HOLD
TR31

NOTES

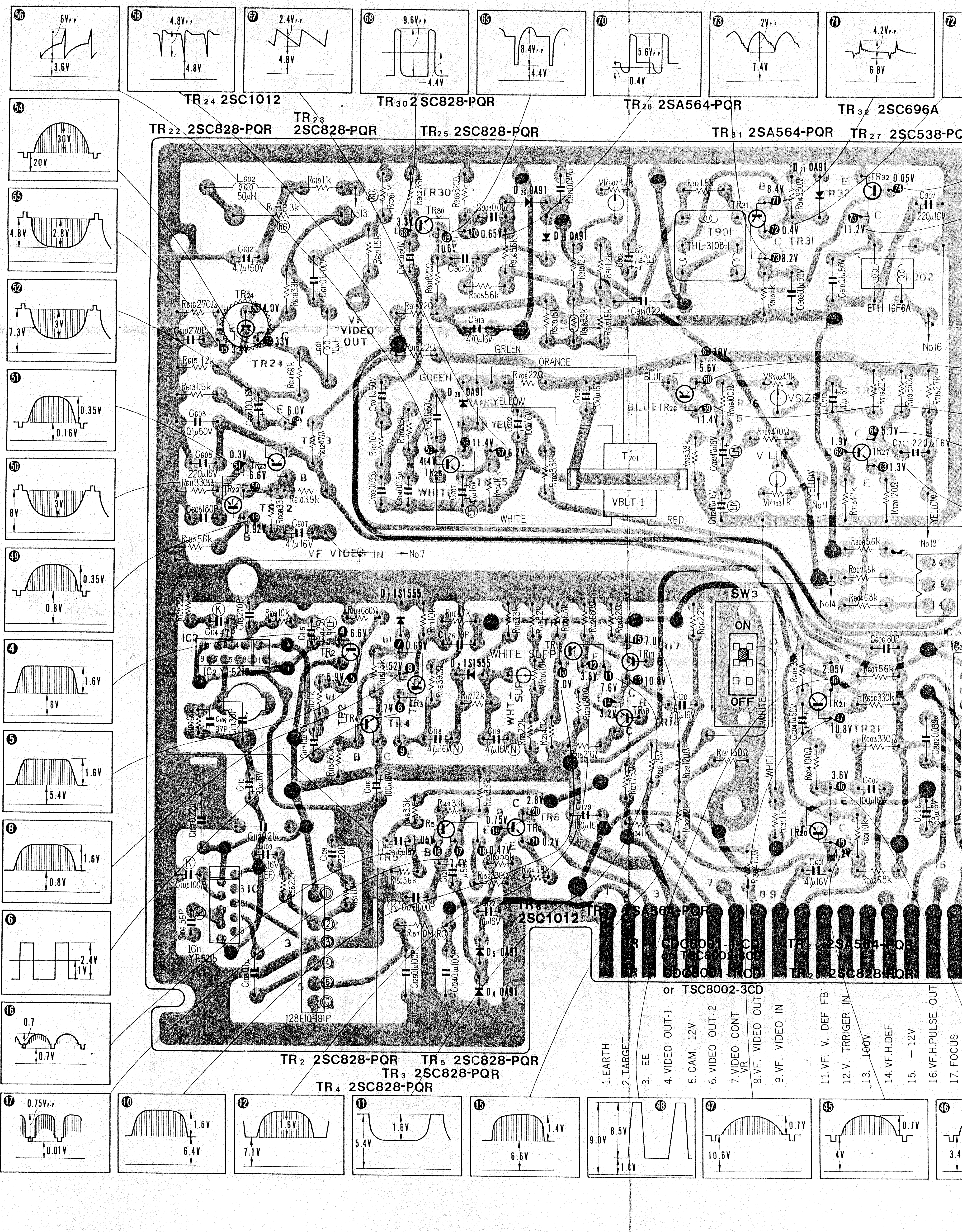
1. Resistances are shown in ohms
   K = 1,000 M = 1,000,000
2. Resistances not specified are 1/4 watt
3. Capacitances are shown in MFD WV otherwise noted : P = MMFD
4. Next marks indicate junction point

1-1 ~ 22 Power supply printed board
2-1 ~ 22 Video amp printed board
3-1 ~ 10 SYNC printed board
① ~ 16 YWV 361 PZK02 printed board
A ~ F Deflection yoke
G ~ J Fly back transformer
1 ~ 6 VF V.HOLD H.HOLD connector
① ~ 6 Pre-amp connector

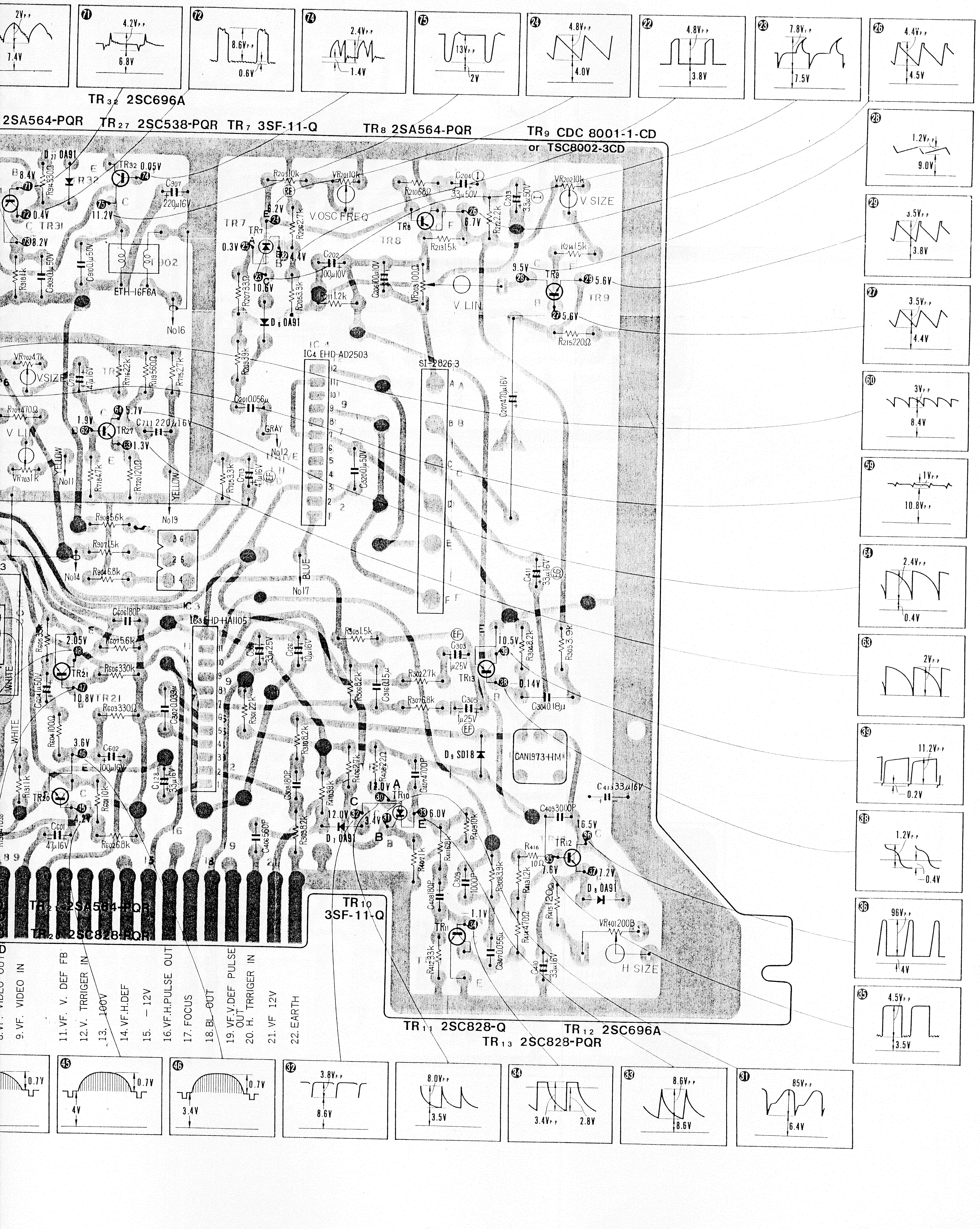
DEL WV-361N


TR 2 2SC828-PQR
TR 3 2SC828-PQR
TR 4 2SC828-PQR
TR 16 2SA564-PQR
TR 17
TR 18 CDC8001-1-CD
IC2 YT-5215
VIDEO OUT
J1
R127 75Ω
R128 75Ω
SW3
D1 1S1555
D2 1S1555
WHITE SUPP
H.P
A564-PQR
V.LIN
V.SIZE
V.DEF
L1001
TR 10 3SF-11-Q
TR 12 2SC696A
D7 0A91
D8 0A91
D9 SD18
WHITE
H.DEF
BLACK
H.SIZE
TR9 CDC8001-1CD
TR 11 2SC828-Q
2SC828-Q
TALLY
PL2
J2
HD
VD
AUDIO
HEAD PHONE
J3 VTR
VTR REC
LINE
CAM
VTR PLAY
VR505 10kΩ
R515 75Ω
J5
TO MONITOR SECTION
INTERCOM
J4
R516
YUDR-61
150ACB4
V2
-PQR
TR 22 2SC828-PQR
TR 24 2SC1 012
2SA564-PQR
TR 23 2SC828-PQR
BRIGHT
CONT
VR601 500B
TR 26 2SA564-PQR
TR 25 2SC828-PQR
TR 28 2SC840-TC
D23 0A91
D24 0A91
D28 0A91
TR 27 2SC538-PQR
VR701 2k V.HOLD
VR702 4.7k V.SIZE
VR703 1k V.LIN
VR1001 1M FOCUS
FS 3620B
T2
SD-1B
D20
D22 FT-1N
D21 0A91
D19 1S689A
D27 0A91
TR 31 2SA564-PQR
TR 32 2SC696A
TR 33 2SC901A
L1002 H.SIZE
L904 H.LIN

CONDUCTOR VIEW OF VIDEO & DEFLECTIO

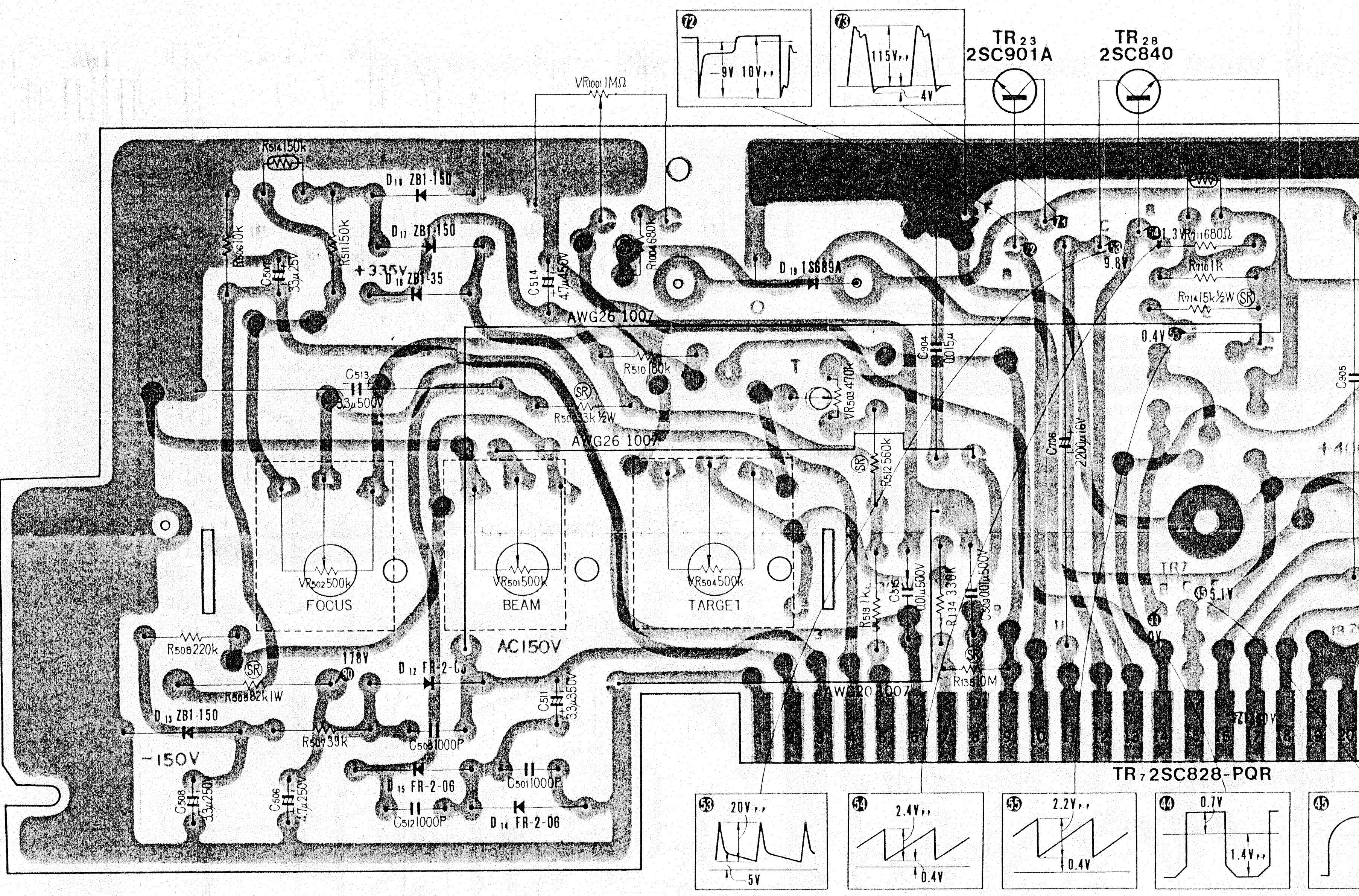

56
6Vp-p
3.6V
58
4.8Vp-p
4.8V
57
2.4Vp-p
4.8V
68
9.6Vp-p
-4.4V
69
8.4Vp-p
4.4V
70
5.6Vp-p
-0.4V
73
2Vp-p
7.4V
71
4.2Vp-p
6.8V
72
TR24 2SC1012
TR22 2SC828-PQR
TR23 2SC828-PQR
TR30 2SC828-PQR
TR25 2SC828-PQR
TR26 2SA564-PQR
TR31 2SA564-PQR
TR32 2SC696A
TR27 2SC538-PQ
54
30V
20V
55
4.8V
2.8V
52
7.3V
3V
51
0.35V
0.16V
50
8V
3V
49
0.35V
0.8V
4
1.6V
6V
5
1.6V
5.4V
8
1.6V
0.8V
6
2.4V
1V
16
0.7
0.7V
VF VIDEO OUT
VF VIDEO IN
No7
No13
No16
No11
No19
No14
GREEN
ORANGE
BLUE
YELLOW
WHITE
RED
T901 THL-3108-1
T902 ETH-16F6A
T701
VBLT-1
VR702 4.7k VSIZE
VR703 1k V LIN
VR902 4.7k
SW3
ON
OFF
WHITE SUPP
IC2 YF5215
IC1 YF5215
128E10-181P
TR1 CDC8001-1CD or TSC8002-3CD
TR CDC8001-1CD or TSC8002-3CD
TR21 2SA564-PQR
TR20 2SC828-PQR
TR8 2SC1012
TR7 2SA564-PQR
TR2 2SC828-PQR
TR5 2SC828-PQR
TR3 2SC828-PQR
TR4 2SC828-PQR
1.EARTH
2.TARGET
3. EE
4.VIDEO OUT-1
5.CAM. 12V
6.VIDEO OUT-2
7.VIDEO CONT VR
8.VF. VIDEO OUT
9.VF. VIDEO IN
11.VF. V. DEF FB
12.V. TRRIGER IN
13. 100V
14.VF.H.DEF
15. -12V
16.VF.H.PULSE OUT
17. FOCUS
17
0.75Vp-p
0.01V
10
1.6V
6.4V
12
1.6V
7.1V
11
1.6V
5.4V
15
1.4V
6.6V
48
9.0V
8.5V
1.8V
47
0.7V
10.6V
45
0.7V
4V
46
3.4

F VIDEO & DEFLECTION SECTION YWV361P ZK01



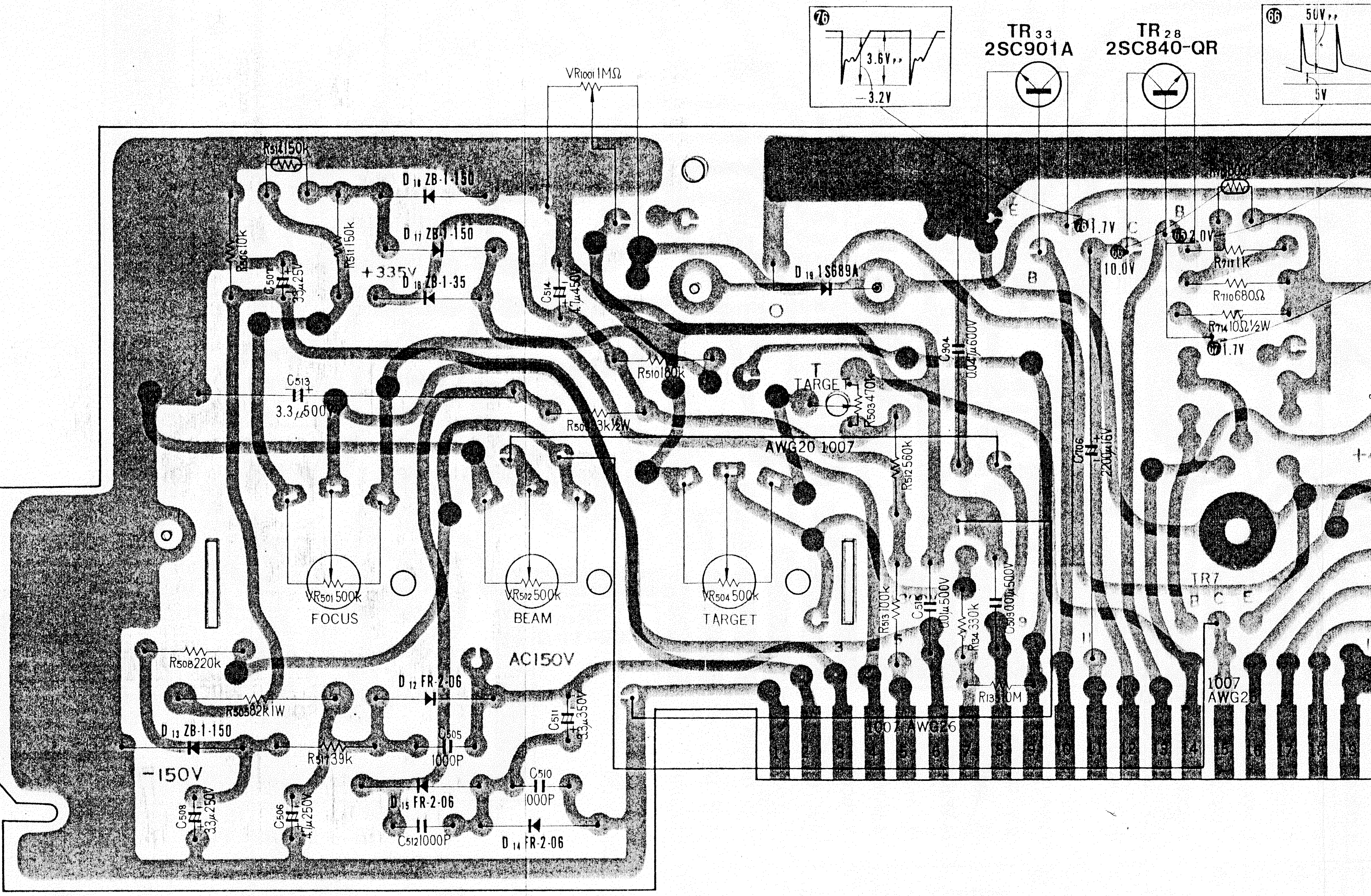
TR32 2SC696A
2SA564-PQR
TR27 2SC538-PQR
TR7 3SF-11-Q
TR8 2SA564-PQR
TR9 CDC 8001-1-CD
or TSC8002-3CD
V.OSC FREQ
V SIZE
V LIN
IC4 EHD-AD2503
SI-2826-3
IC3 EHD-HA1105
CAN1973-HM
H SIZE
TR10
3SF-11-Q
TR2 2SA564-PQR
TR20 2SC828-PQR
TR11 2SC828-Q
TR12 2SC696A
TR13 2SC828-PQR
VIDEO OUT
9. VF. VIDEO IN
11. VF. V. DEF FB
12. V. TRRIGER IN
13. 100V
14. VF. H.DEF
15. −12V
16. VF. H.PULSE OUT
17. FOCUS
18. BL OUT
19. VF. V.DEF PULSE OUT
20. H. TRRIGER IN
21. VF 12V
22. EARTH
YELLOW
WHITE
BLUE
GRAY
No16
No11
No12
No14
No17
No19
ETH-16F6A
2Vp-p 7.4V
⑦¹ 4.2Vp-p 6.8V
⑦² 8.6Vp-p 0.6V
⑦⁴ 2.4Vp-p 1.4V
⑦⁵ 13Vp-p 2V
㉔ 4.8Vp-p 4.0V
㉒ 4.8Vp-p 3.8V
㉓ 7.8Vp-p 7.5V
㉖ 4.4Vp-p 4.5V
㉘ 1.2Vp-p 9.0V
㉙ 3.5Vp-p 3.8V
㉗ 3.5Vp-p 4.4V
(60) 3Vp-p 8.4V
(59) 1Vp-p 10.8Vp-p
(64) 2.4Vp-p 0.4V
(63) 2Vp-p
㊴ 11.2Vp-p 0.2V
㊳ 1.2Vp-p −0.4V
㊱ 96Vp-p 4V
㉟ 4.5Vp-p 3.5V
0.7V
㊺ 0.7V 4V
㊻ 0.7V 3.4V
㉜ 3.8Vp-p 8.6V
8.0Vp-p 3.5V
㉞ 3.4Vp-p 2.8V
㉝ 8.6Vp-p 8.6V
㉛ 85Vp-p 6.4V

CONDUCTOR VIEW OF POWER SUPPLY SECTION YWV



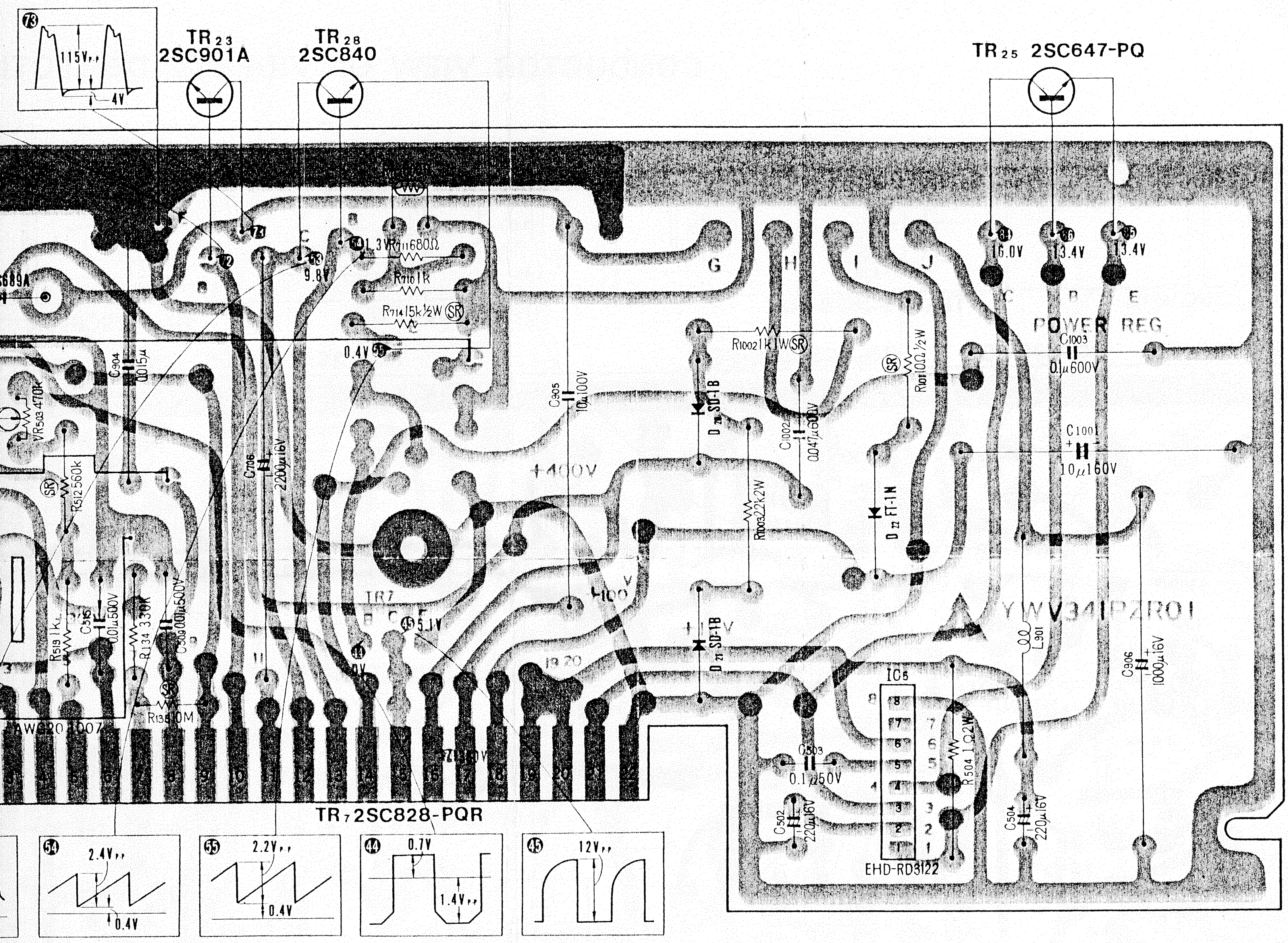
72
9V
10Vₚₚ
73
115Vₚₚ
4V
TR₂₃
2SC901A
TR₂₈
2SC840
VR₁₀₀₁ 1MΩ
R₅₁₄ 150k
R₅₀₆ 10k
R₅₁₁ 150k
C₅₀₇ 33μ25V
D₁₈ ZB1-150
D₁₇ ZB1-150
D₁₆ ZB1-35
+335V
C₅₁₄ 4.7μ450V
R₁₀₀₄ 680k
D₁₉ 1S689A
AWG26 1007
R₅₁₀ 180k
C₅₁₃ 3.3μ500V
R₅₀₃ 33k ½W
AWG26 1007
VR₅₀₃ 470k
C₉₀₄ 0.015μ
R₅₁₂ 560k
C₇₀₆ 220μ16V
R₇₁₁ 680Ω
R₇₁₀ 1k
R₇₁₄ 15k ½W
1.3V
9.8V
0.4V
VR₅₀₂ 500k
FOCUS
VR₅₀₁ 500k
BEAM
VR₅₀₄ 500k
TARGET
AC150V
R₅₀₈ 220k
R₅₀₅ 82k 1W
178V
D₁₂ FR-2-06
C₅₁₁ 3.3μ350V
R₅₁₉ 1k
C₅₁₅ 0.01μ500V
R₁₃₄ 330k
R₁₃₅ 10M
AWG20 1007
D₁₃ ZB1-150
-150V
R₅₀₉ 39k
C₅₀₈ 1000P
C₅₀₈ 33μ250V
C₅₀₆ 47μ250V
D₁₅ FR-2-06
C₅₀₁ 1000P
C₅₁₂ 1000P
D₁₄ FR-2-06
TR7
5.1V
TR₇ 2SC828-PQR
53
20Vₚₚ
5V
54
2.4Vₚₚ
0.4V
55
2.2Vₚₚ
0.4V
44
0.7V
1.4Vₚₚ
45

CONDUCTOR VIEW OF POWER SUPPLY SECTION YWV



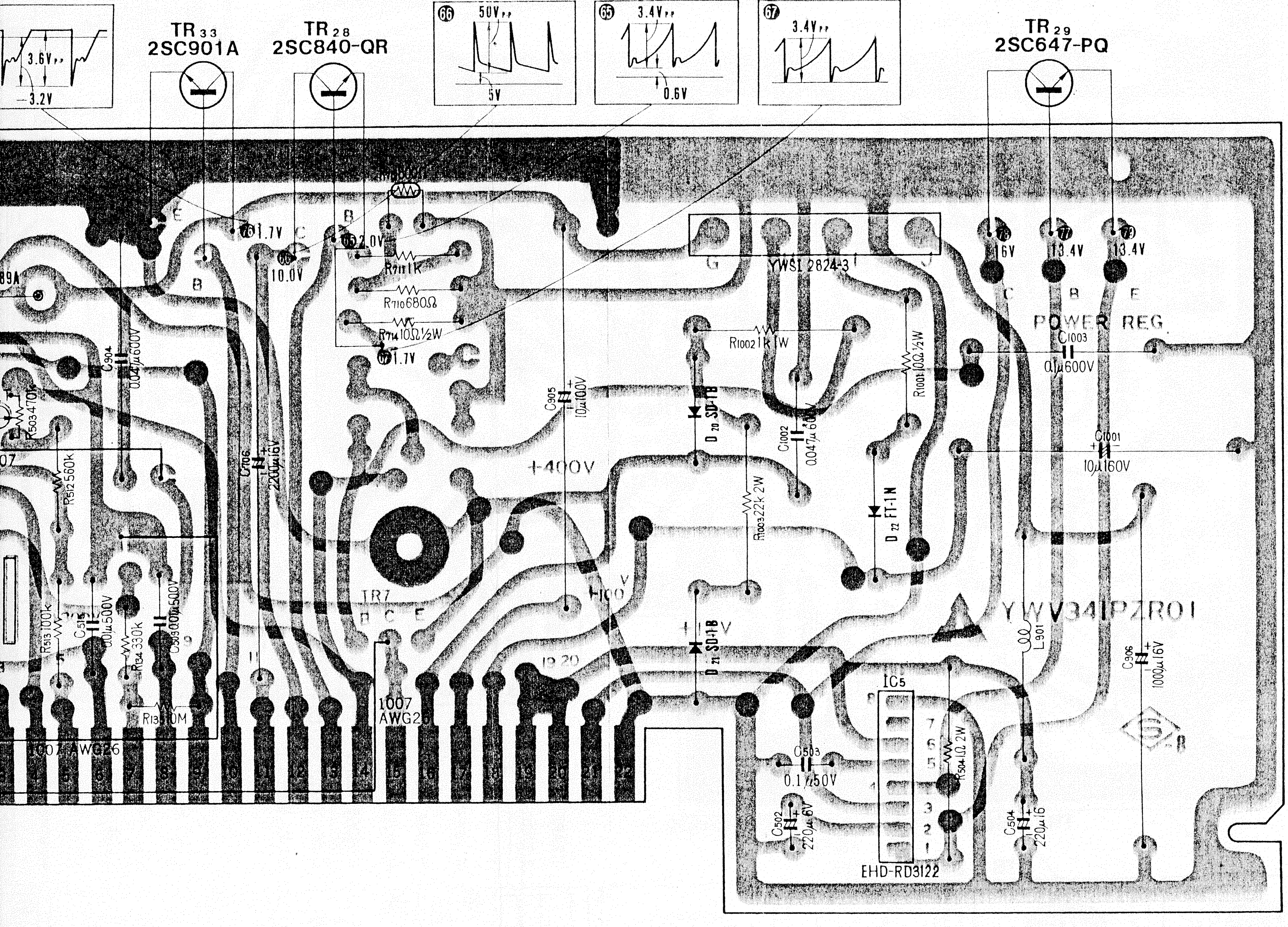
76
3.6Vₚₚ
-3.2V
TR₃₃
2SC901A
TR₂₈
2SC840-QR
66
50Vₚₚ
5V
VR₁₀₀₁ 1MΩ
R₅₁₄ 150k
D₁₈ ZB-1-150
R₅₀₆ 10k
R₅₁₁ 150k
D₁₇ ZB-1-150
+335V
D₁₆ ZB-1-35
C₅₀₇ 33μ25V
C₅₁₄ 4.7μ450V
D₁₉ 1S689A
1.7V
10.0V
2.0V
R₇₁₁ 1k
R₇₁₀ 680Ω
R₇₁₄ 10Ω ½W
1.7V
C₉₀₄ 0.047μ600V
R₅₁₀ 180k
TARGET
VR₅₀₃ 470k
C₅₁₃ 3.3μ500V
R₅₀₃ 33k ½W
AWG20 1007
C₇₀₆ 220μ16V
R₅₁₂ 560k
VR₅₀₁ 500k
FOCUS
VR₅₀₂ 500k
BEAM
VR₅₀₄ 500k
TARGET
TR7
R₅₁₃ 100k
C₅₁₅ 0.01μ500V
R₁₃₄ 330k
C₅₀₉ 0.01μ500V
R₁₃₅ 10M
1007
AWG2
R₅₀₈ 220k
AC150V
D₁₂ FR-2-06
R₅₀₅ 82k 1W
C₅₁₁ 3.3μ350V
D₁₃ ZB-1-150
R₅₀₉ 39k
C₅₀₅ 1000P
1007 AWG26
-150V
C₅₁₀ 1000P
D₁₅ FR-2-06
C₅₀₈ 33μ250V
C₅₀₆ 4.7μ250V
C₅₁₂ 1000P
D₁₄ FR-2-06

OF POWER SUPPLY SECTION YWV341P ZK01



115V
4V
TR23 2SC901A
TR28 2SC840
TR25 2SC647-PQ
R711 680Ω
R710 1K
R714 15k ½W
9.8V
0.4V
1.3V
16.0V
13.4V
13.4V
C B E
POWER REG
C1003 0.1μ600V
C1001 10μ160V
R1002 1k 1W
R1001 10Ω ½W
D21 SD-1B
D22 FT-1N
C1002 0.047μ600V
R1003 22k 2W
C905 10μ100V
C706 220μ16V
C904 0.015μ
R512 560k
VR503 470k
R519 1k
C515 0.01μ500V
R134 330k
R135 10M
+400V
G H I J
TR7 B C E
5.1V
YWV341PZR01
L901
C306 1000μ16V
IC5
C503 0.1μ50V
C502 220μ16V
R504 1Ω 2W
C504 220μ16V
EHD-RD3122
TR7 2SC828-PQR
2.4V
0.4V
2.2V
0.4V
0.7V
1.4V
12V

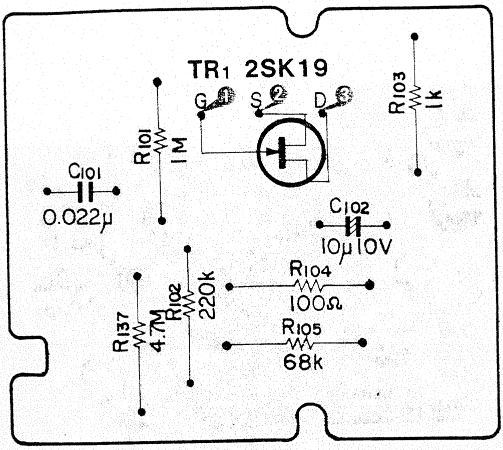
OF POWER SUPPLY SECTION YWV361PZK04

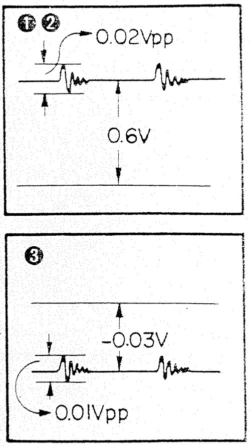


3.6V
-3.2V
TR33 2SC901A
TR28 2SC840-QR
50V
5V
3.4V
0.6V
3.4V
TR29 2SC647-PQ
1.7V
10.0V
2.0V
R711 1K
R710 680Ω
R714 10Ω ½W
1.7V
YWSL 2824-3
G J
16V
13.4V
13.4V
C B E
POWER REG
C1003 0.1μ600V
C1001 10μ160V
R1002 1k 1W
R1001 10Ω ½W
D20 SD-1B
D22 FT-1N
C1002 0.047μ600V
R1003 22k 2W
C905 10μ100V
C706 220μ16V
C904 0.047μ600V
R512 560k
VR503 470k
R513 100k
C515 0.01μ500V
R134 330k
R135 10M
+400V
TR7 B C E
1007 AWG26
YWV341PZR01
L901
C306 1000μ16V
IC5
C503 0.1μ50V
C502 220μ16V
R504 1Ω 2W
C504 220μ16V
EHD-RD3122

CONDUCTOR VIEW OF VIDEO PRE AMP SECTION

COMMON TO WV-341N/361N YWV-341PZK03

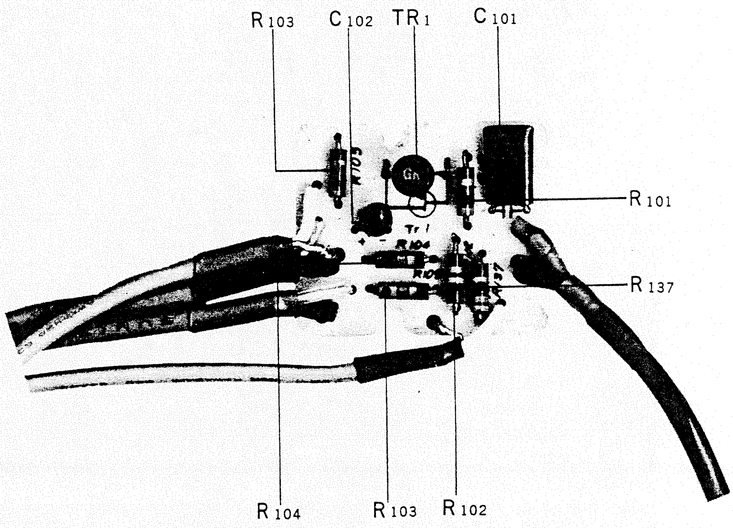

TR1 2SK19
G ❶
S ❷
D ❸
R101
1M
C101
0.022µ
R103
1k
C102
10µ 10V
R104
100Ω
R102
220k
R137
4.7M
R105
68k



NO	❶	❷	❸
VOLTAGE	0.6V	0.03V	6.7V

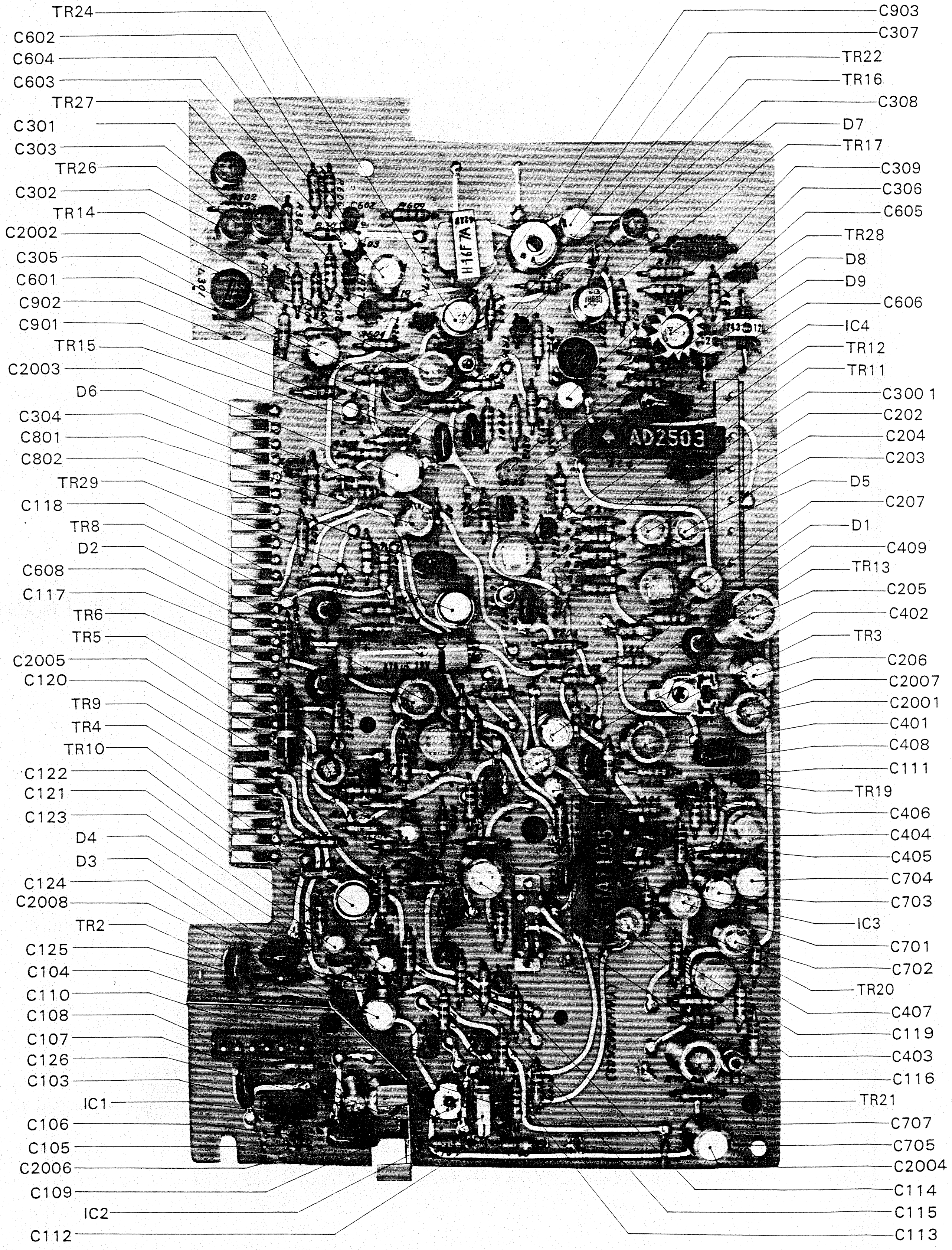
COMPONENT VIEW OF VIDEO PRE AMP SECTION

COMMON TO WV-341N/361N YWV-341PZK03


R103
C102
TR1
C101
R101
R137
R104
R103
R102

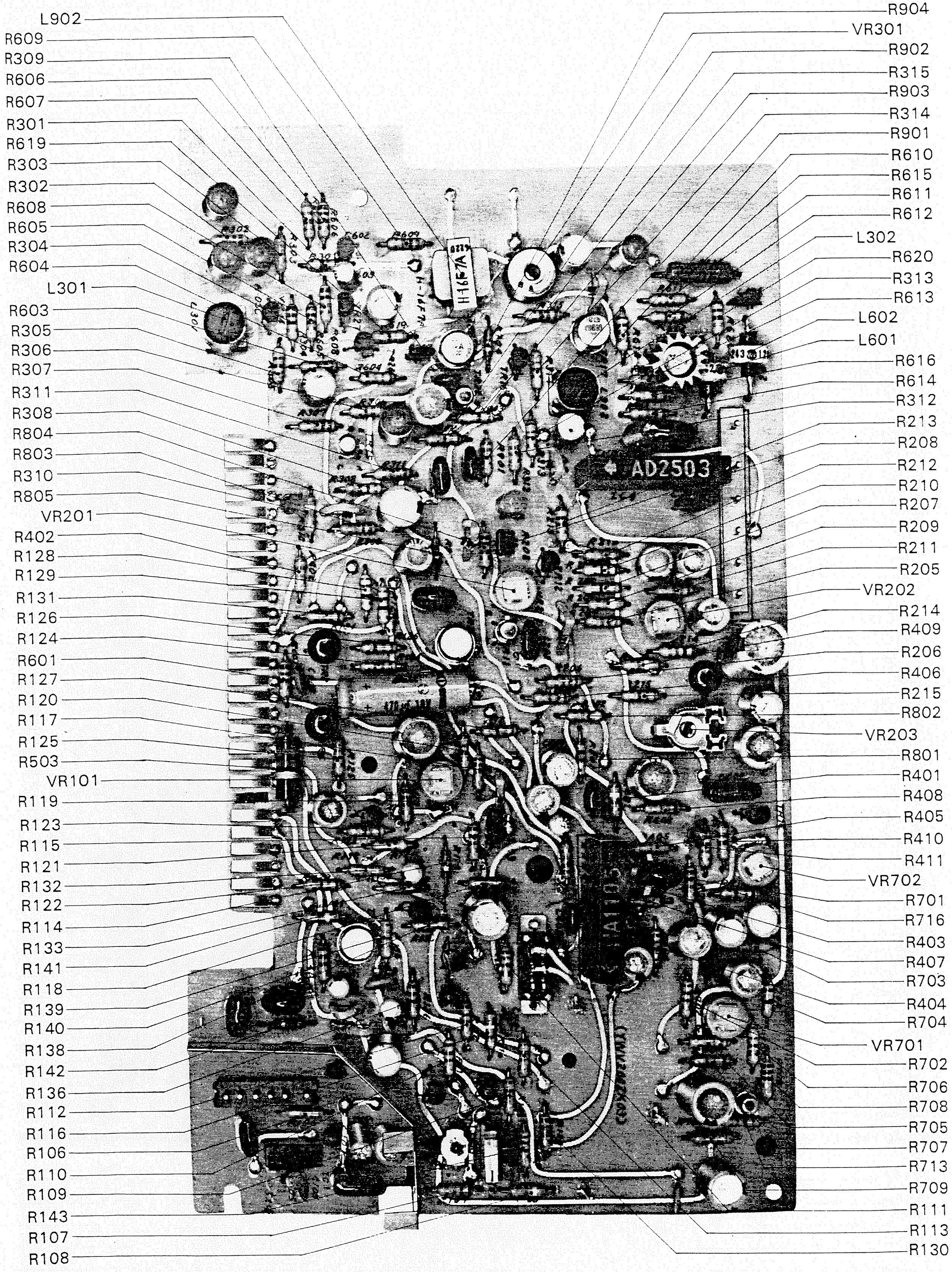
COMPONENT VIEW OF VIDEO & DEFLECTION SECTION (IC, TR, D, C)

WV-341N YWV-341PZK02


TR24
C602
C604
C603
TR27
C301
C303
TR26
C302
TR14
C2002
C305
C601
C902
C901
TR15
C2003
D6
C304
C801
C802
TR29
C118
TR8
D2
C608
C117
TR6
TR5
C2005
C120
TR9
TR4
TR10
C122
C121
C123
D4
D3
C124
C2008
TR2
C125
C104
C110
C108
C107
C126
C103
IC1
C106
C105
C2006
C109
IC2
C112
C903
C307
TR22
TR16
C308
D7
TR17
C309
C306
C605
TR28
D8
D9
C606
IC4
TR12
TR11
C300 1
C202
C204
C203
D5
C207
D1
C409
TR13
C205
C402
TR3
C206
C2007
C2001
C401
C408
C111
TR19
C406
C404
C405
C704
C703
IC3
C701
C702
TR20
C407
C119
C403
C116
TR21
C707
C705
C2004
C114
C115
C113
H16F7A
AD2503

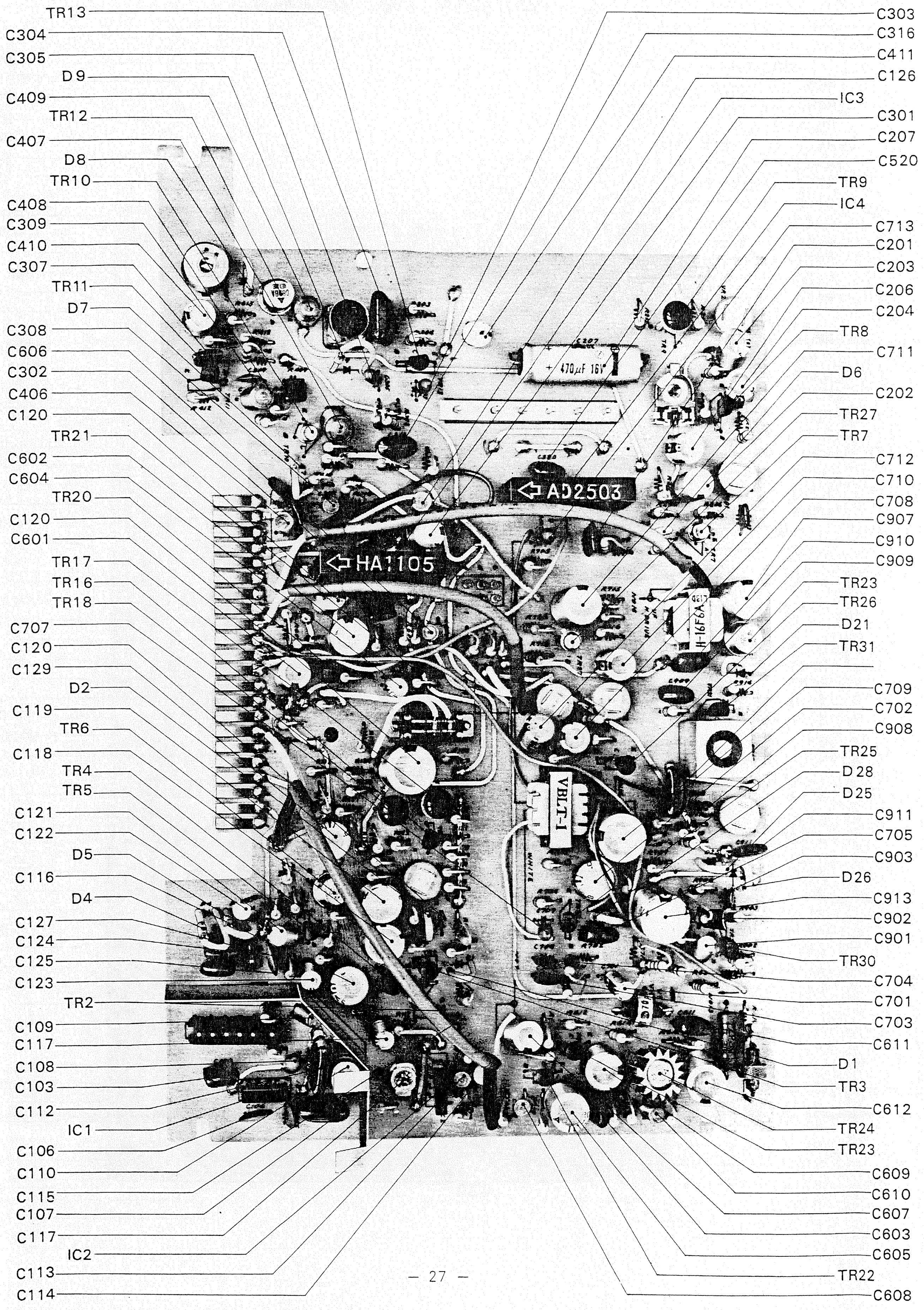
COMPONENT VIEW OF VIDEO & DEFLECTION SECTION (R, VR, L)

WV-341N YWV-341PZK02


L902
R609
R309
R606
R607
R301
R619
R303
R302
R608
R605
R304
R604
L301
R603
R305
R306
R307
R311
R308
R804
R803
R310
R805
VR201
R402
R128
R129
R131
R126
R124
R601
R127
R120
R117
R125
R503
VR101
R119
R123
R115
R121
R132
R122
R114
R133
R141
R118
R139
R140
R138
R142
R136
R112
R116
R106
R110
R109
R143
R107
R108
R904
VR301
R902
R315
R903
R314
R901
R610
R615
R611
R612
L302
R620
R313
R613
L602
L601
R616
R614
R312
R213
R208
R212
R210
R207
R209
R211
R205
VR202
R214
R409
R206
R406
R215
R802
VR203
R801
R401
R408
R405
R410
R411
VR702
R701
R716
R403
R407
R703
R404
R704
VR701
R702
R706
R708
R705
R707
R713
R709
R111
R113
R130
AD2503

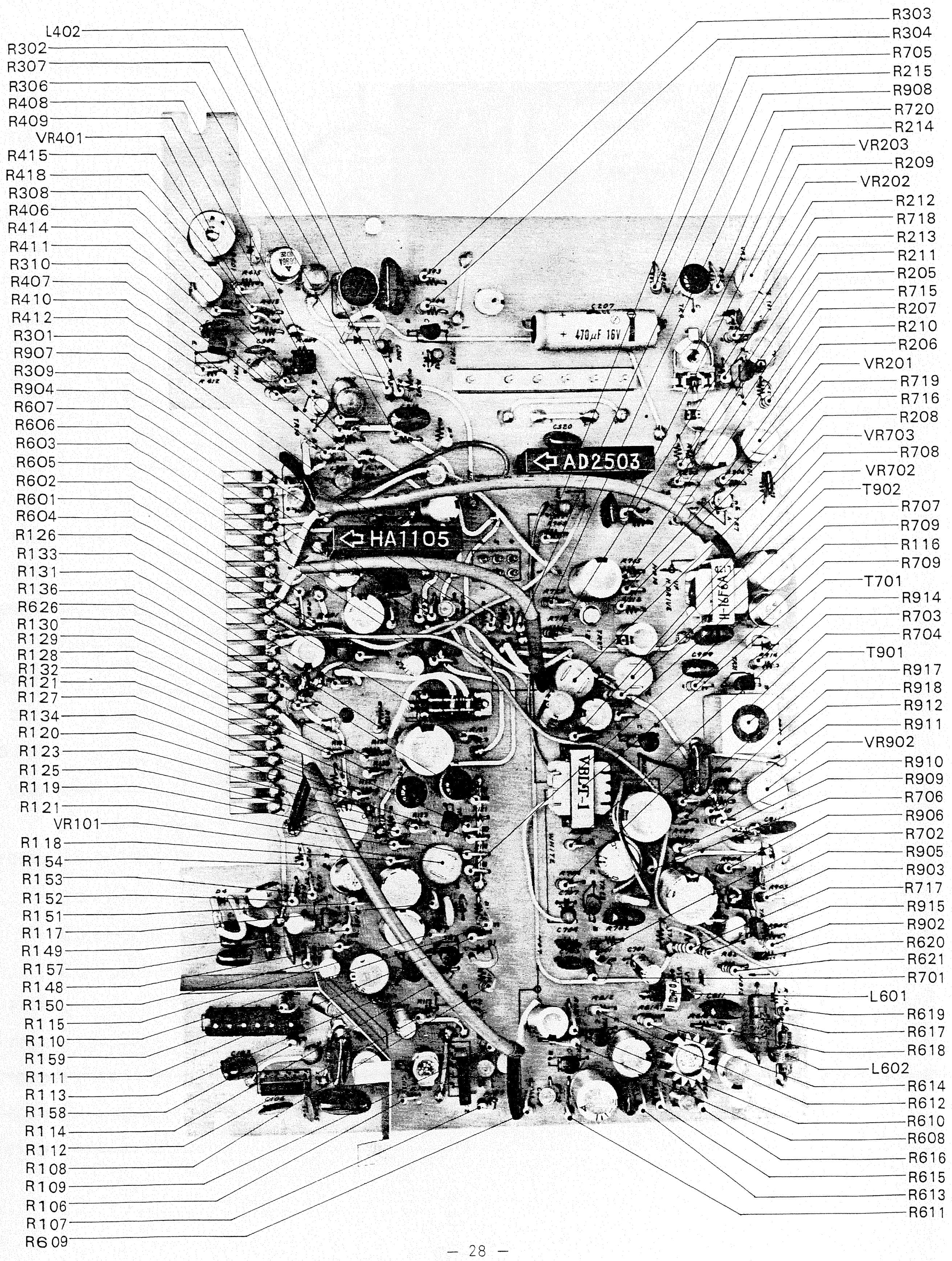
COMPONENT VIEW OF VIDEO & DEFLECTION SECTION

WV-361N YWV-361PZK01 (IC, TR, D, C)


TR13
C304
C305
D9
C409
TR12
C407
D8
TR10
C408
C309
C410
C307
TR11
D7
C308
C606
C302
C406
C120
TR21
C602
C604
TR20
C120
C601
TR17
TR16
TR18
C707
C120
C129
D2
C119
TR6
C118
TR4
TR5
C121
C122
D5
C116
D4
C127
C124
C125
C123
TR2
C109
C117
C108
C103
C112
IC1
C106
C110
C115
C107
C117
IC2
C113
C114
C303
C316
C411
C126
IC3
C301
C207
C520
TR9
IC4
C713
C201
C203
C206
C204
TR8
C711
D6
C202
TR27
TR7
C712
C710
C708
C907
C910
C909
TR23
TR26
D21
TR31
C709
C702
C908
TR25
D28
D25
C911
C705
C903
D26
C913
C902
C901
TR30
C704
C701
C703
C611
D1
TR3
C612
TR24
TR23
C609
C610
C607
C603
C605
TR22
C608
C207
470μF 16V
AD2503
HA1105
H-16F6A
VBLT-1
WHITE

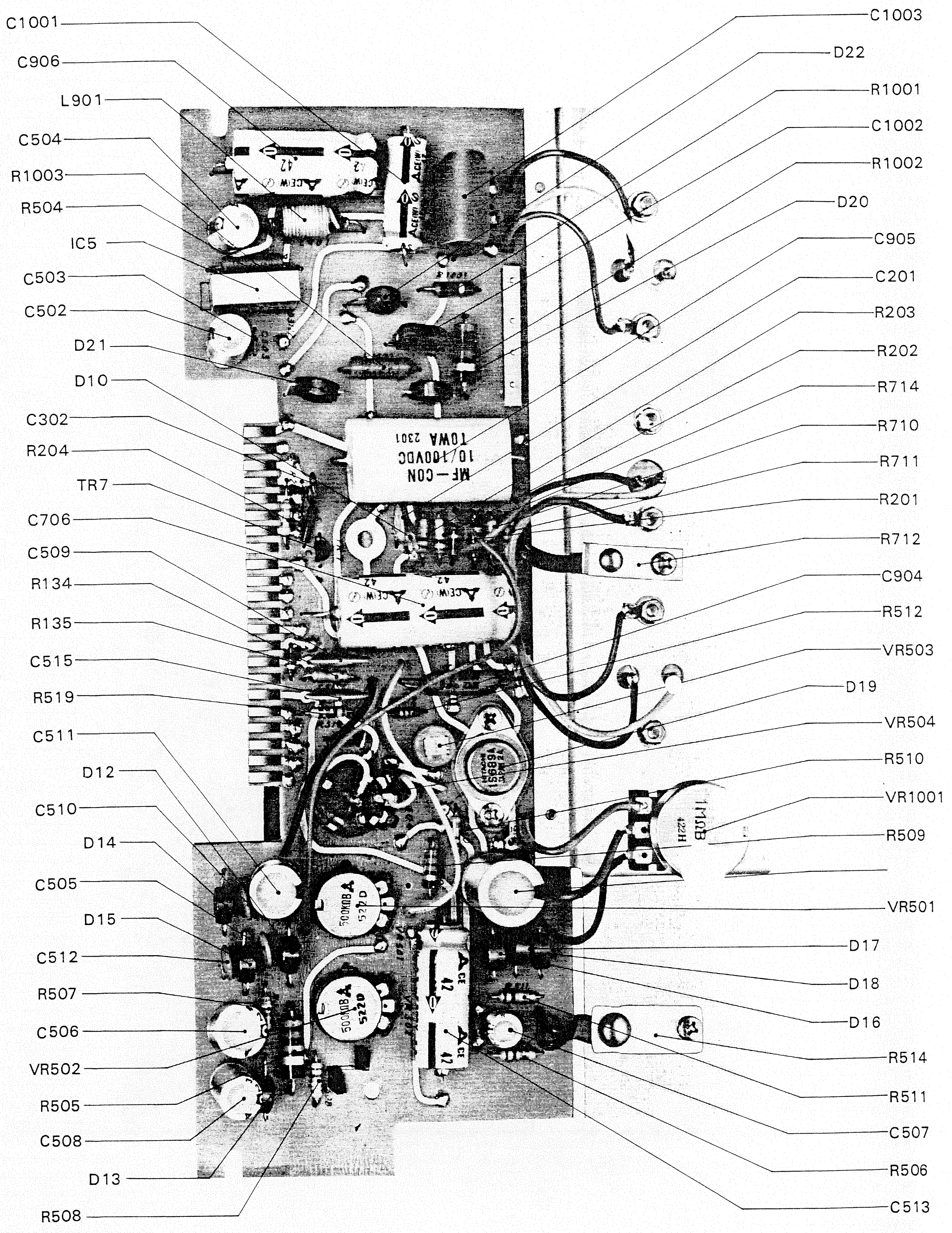
COMPONENT VIEW OF VIDEO & DEFLECTION SECTION (R, VR, L, T)

WV-361N YWV-361PZK01


L402
R302
R307
R306
R408
R409
VR401
R415
R418
R308
R406
R414
R411
R310
R407
R410
R412
R301
R907
R309
R904
R607
R606
R603
R605
R602
R601
R604
R126
R133
R131
R136
R626
R130
R129
R128
R132
R121
R127
R134
R120
R123
R125
R119
R121
VR101
R118
R154
R153
R152
R151
R117
R149
R157
R148
R150
R115
R110
R159
R111
R113
R158
R114
R112
R108
R109
R106
R107
R609
R303
R304
R705
R215
R908
R720
R214
VR203
R209
VR202
R212
R718
R213
R211
R205
R715
R207
R210
R206
VR201
R719
R716
R208
VR703
R708
VR702
T902
R707
R709
R116
R709
T701
R914
R703
R704
T901
R917
R918
R912
R911
VR902
R910
R909
R706
R906
R702
R905
R903
R717
R915
R902
R620
R621
R701
L601
R619
R617
R618
L602
R614
R612
R610
R608
R616
R615
R613
R611
AD2503
HA1105
470μF 16V
C207
C520
H-16F6A
YBLT-1

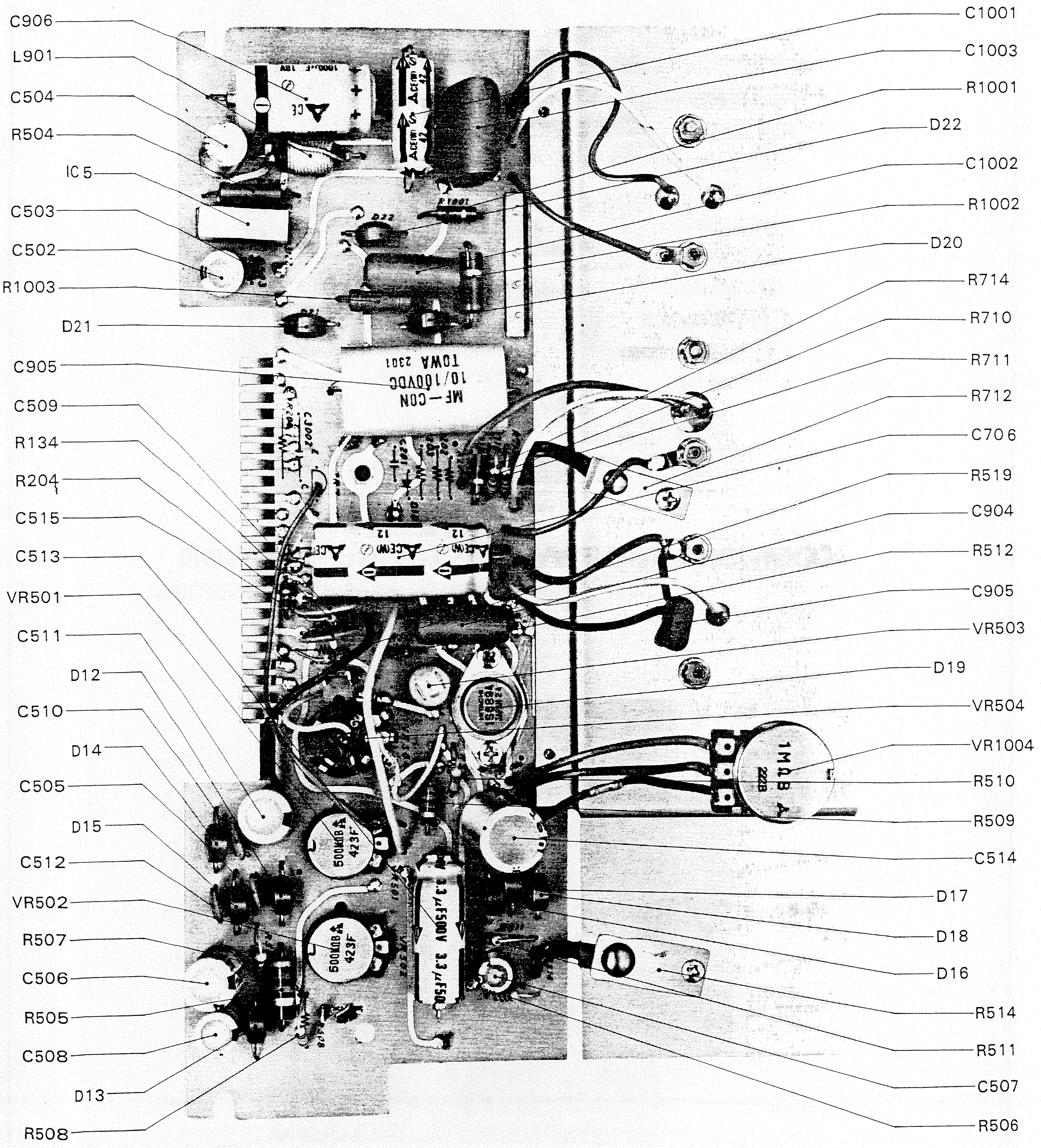
COMPONENT VIEW OF POWER SUPPLY SECTION

WV-341N YWV-341PZK01


C1001
C906
L901
C504
R1003
R504
IC5
C503
C502
D21
D10
C302
R204
TR7
C706
C509
R134
R135
C515
R519
C511
D12
C510
D14
C505
D15
C512
R507
C506
VR502
R505
C508
D13
R508
C1003
D22
R1001
C1002
R1002
D20
C905
C201
R203
R202
R714
R710
R711
R201
R712
C904
R512
VR503
D19
VR504
R510
VR1001
R509
VR501
D17
D18
D16
R514
R511
C507
R506
C513

COMPONENT VIEW OF POWER SUPPLY SECTION

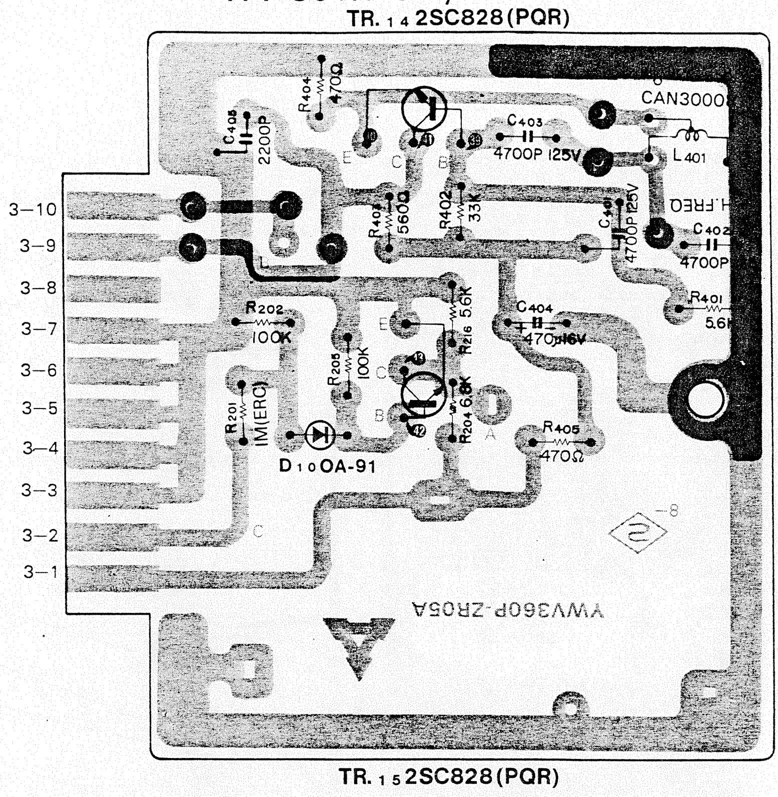
WV-361N YWV-361PZK04


C906
L901
C504
R504
IC5
C503
C502
R1003
D21
C905
C509
R134
R204
C515
C513
VR501
C511
D12
C510
D14
C505
D15
C512
VR502
R507
C506
R505
C508
D13
R508
C1001
C1003
R1001
D22
C1002
R1002
D20
R714
R710
R711
R712
C706
R519
C904
R512
C905
VR503
D19
VR504
VR1004
R510
R509
C514
D17
D18
D16
R514
R511
C507
R506

CONDUCTOR VIEW OF H.OSC SECTION

WV-361N Only

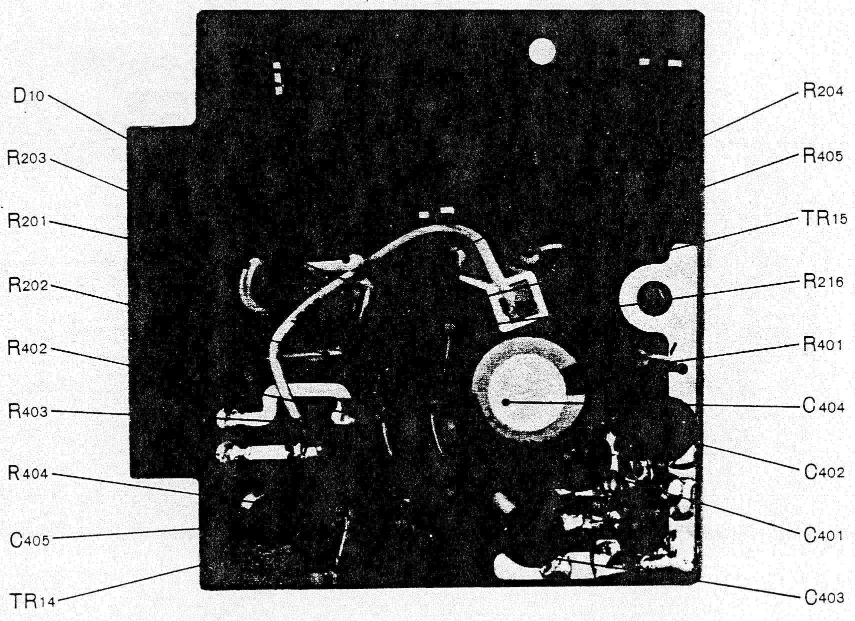
YWV-360PZK05A


TR.14 2SC828(PQR)
R404 470Ω
C405 2200P
E
C
B
C403 4700P 125V
CAN3000
L401
H.FREQ
3-10
3-9
3-8
3-7
3-6
3-5
3-4
3-3
3-2
3-1
R403 560Ω
R402 33K
C401 4700P 125V
C402 4700P
R202 100K
R205 100K
R216 5.6K
C404 470μ 16V
R401 5.6K
R201 IM(ERC)
R204 6.8K
R405 470Ω
D10 OA-91
A
YWV360P-ZR05A
TR.15 2SC828(PQR)

NO.	VOLTAGE
㊴	−0.6V
㊵	0.03V
㊶	7.1V
㊷	−0.03V
㊸	2.9V

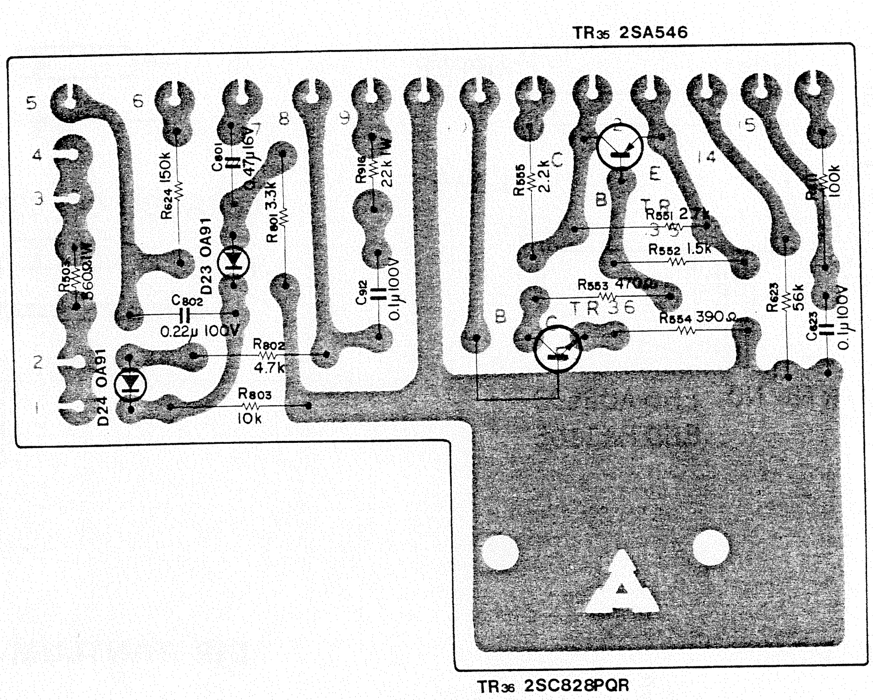
COMPONENT VIEW OF H. OSC SECTION

YWV-360PZK05A


D10
R203
R201
R202
R402
R403
R404
C405
TR14
R204
R405
TR15
R216
R401
C404
C402
C401
C403

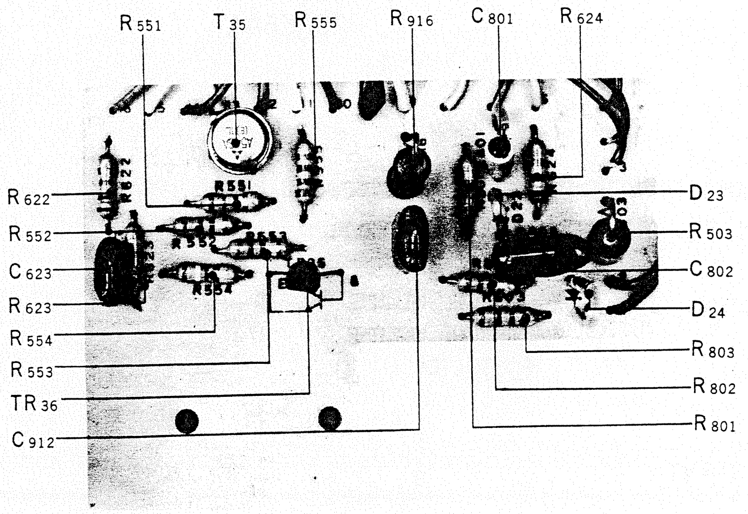
CONDUCTOR VIEW OF ELECTRONIC SWITCH SECTION

WV-361N Only　　YWV-361PZK02


TR35 2SA546
1
2
3
4
5
6
7
8
9
14
15
D24 OA91
R503 560Ω1W
R624 150k
C802 0.22μ 100V
D23 OA91
C801 0.47μ16V
R801 3.3k
R802 4.7k
R803 10k
R916 22k 1W
C912 0.1μ100V
R555 2.2k
C
B
E
TR 35
R551 2.7k
R552 1.5k
R553 470Ω
TR 36
R554 390Ω
R623 56k
C623 0.1μ100V
R611 100k
TR36 2SC828PQR

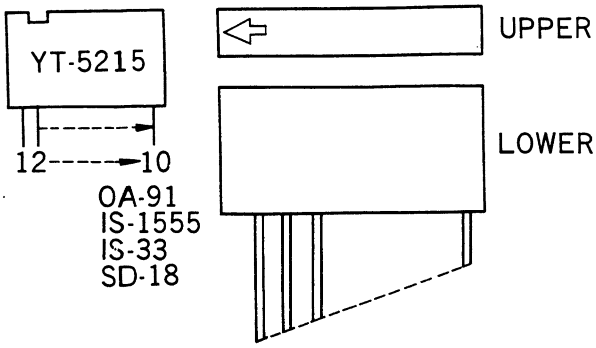
COMPONENT VIEW OF ELECTRONIC SWITCH SECTION

YWV-361PZK02


R551
T35
R555
R916
C801
R624
R622
R552
C623
R623
R554
R553
TR36
C912
D23
R503
C802
D24
R803
R802
R801

PARTS INFORMATION

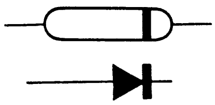
IC


YT-5215
12
10
UPPER
LOWER

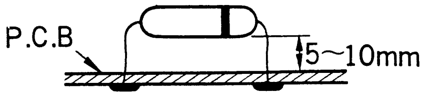
OA-91
IS-1555
IS-33
SD-18

PARTS NO. EHD-AD2503
EHD-HA1105

DIODES

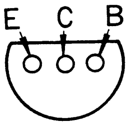


LOCATION OF CONNECTING DIODE

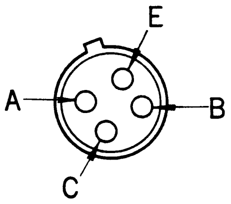


PARTS NO. OA-91
IS-1555
IS-33
SD-18

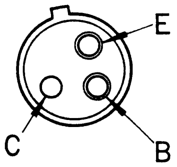
TRANSISTORS



PARTS NO.
2SC828
2SA564

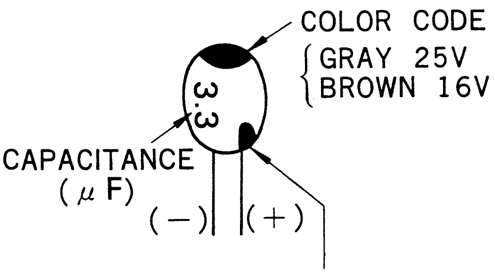


PARTS NO.
3SF-11



PARTS NO.
2SC1012
2SC696A
2SA564A

DIP TANTLUM CAPACITOR


COLOR CODE
GRAY 25V
BROWN 16V
3.3
CAPACITANCE
(μ F)
(−)
(+)

SPEC & POLOR
COLOR DQT

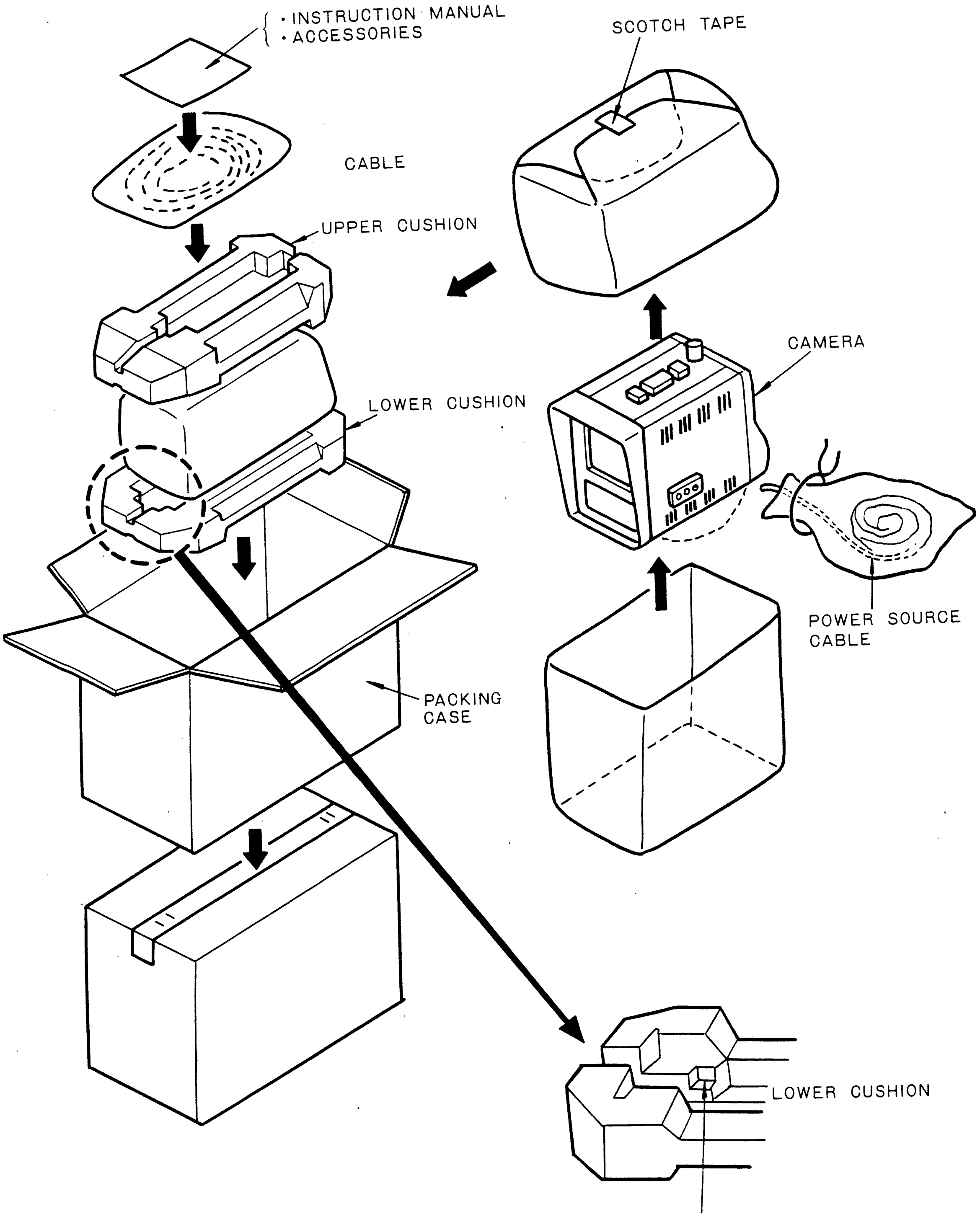
ORANGE	±20%
RED	−20~+40%
YELLOW	±10%

UNLESS OTHERWISE SPECIFIED, A22 CAPACITORS.
ARE ELECTROLYTIC, POLYESTR FILM OR STYROL.

(EF) DIP TANTLUM
Ⓚ CERAMIC
Ⓝ NON POLAR
(LM) 20%
(EG) TANTALUM
Ⓘ TIME CONSTANT

(RE) METAL OXIDE
(RG) METAL OXIDE
(RC) SOLID

PACKAGING


• INSTRUCTION MANUAL
• ACCESSORIES
SCOTCH TAPE
CABLE
UPPER CUSHION
CAMERA
LOWER CUSHION
POWER SOURCE CABLE
PACKING CASE
LOWER CUSHION

Put this part on rubber foot.

REPLACEMENT PARTS LIST

NOTE: BOLD LETTER INDICATE THE NEW PARTS

MODEL WV-341N

SYMBOL NO.	PART NO.	DESCRIPTION
IC		
IC1	YT5215	Video Amp.
IC2	YF-5215	Video Amp.
IC3	EHD-HA1105	BL. Sync Mix And Shaper
IC4	M5329P	Current Regulator
IC5	EHD-RD3122	Voltage Regulator
TRANSISTORS		
TR1	YUT2SK19-GR	Video Amp.
TR2	2SC828-PQR	Video Amp.
TR3	2SC828-PQR	BL Mix
TR4	2SC828-PQR	Emitter Follower
TR5	2SA564-PQR	Video Output
TR6	CDC8001-CD	Video Output
TR8	CDC8001-CD	Video Output
TR9	2SC828-PQR	Video Amp.
TR10	2SC1012	DC Amp.
TR11	3SF-11-Q	Video OSC
TR12	2SA564-PQR	Video Drive
TR13	CDC8001-1-CD	Video Output
TR14	2SC828-PQR	Horizontal OSC
TR15	3SF-11-Q	Horizontal Saw tooth GEN
TR16	2SC828-Q	Horizontal Amp.
TR17	2SC696A-EF	Horizontal Output
TR18	2SC840-TC	Video Output
TR19	2SC828-Q	Wave Shaper
TR20	2SA564-PQR	Video Saw tooth GEN-Viewfinder
TR21	2SC538-PQR	Video Amp.
TR22	2SA550A-PQR	Horizontal Drive
TR23	2SC901A	Horizontal Output
TR24	2SA546A-EF	Horizontal Drive
TR25	2SC647-PQ	DC Voltage Regulator
TR26	2SC828-PQR	Video Amp Viewfinder
TR27	2SA564-PQR	Video Amp.
TR28	2SC1012	Video Amp.
TR29	2SC1012	BL Pulse Amp.
TR30	2SK30-Y	600Hz OSC (US only)
TR31	2SC828-PQR	Buffer (US only)
DIODES		
D1	YUD1S1555	BL Mix
D2	YUD1S1555	White Suppressor
D3	OA-91	Rectifier
D4	OA-91	Rectifier
D5	OA-91	Damper
D6	OA-91	Damper
D7	OA-91	Damper
D8	YUDSD-18	Linearity Compensation

SYMBOL NO.	PART NO.	DESCRIPTION			
D9	YUD1S33	Zener			
D11	YUD5B05	Rectifier			
D12	YUDFR-2-06	Rectifier			
D13	YUDZB1-150J	High Voltage Regulator			
D14	YUDFR-2-06	Rectifier			
D15	YUDFR-2-06	Rectifier			
D16	YUDZB1-35	High Voltage Regulator			
D17	YUDZB1-150J	High Voltage Regulator			
D18	YUDZB1-150J	High Voltage Regulator			
D19	YUDIS689A	Zener			
D20	YWSD-1B	Rectifier			
D21	YWSD-1B	Voltage Regulator			
D22	YWFT-1N	Rectifier			
RESISTORS					
R101	ERC-14GJ105	Solid	1MΩ	±5%	¼W
R102	ERC-14GJ224	Solid	220KΩ	±5%	¼W
R103	ERC-14GJ102	Solid	1KΩ	±5%	¼W
R104	ERC-14GJ101	Solid	100Ω	±5%	¼W
R105	ERC-14GJ683	Solid	68KΩ	±5%	¼W
R106	ERD-14TJ222	Carbon	22KΩ	±5%	¼W
R107	ERD-14TJ103	Carbon	10KΩ	±5%	¼W
R108	ERD-14TJ392	Carbon	3.9KΩ	±5%	¼W
R109	ERD-14TJ103	Carbon	10KΩ	±5%	¼W
R110	ERD-14TJ681	Carbon	680Ω	±5%	¼W
R111	ERD-14TJ683	Carbon	68KΩ	±5%	¼W
R112	ERD-14TJ102	Carbon	1KΩ	±5%	¼W
R113	ERD-14TJ223	Carbon	22KΩ	±5%	¼W
R114	ERC-14GK564	Solid	560KΩ	±10%	¼W
R115	ERD-14TJ152	Carbon	1.5KΩ	±5%	¼W
R116	ERD-14TJ391	Carbon	390Ω	±5%	¼W
R117	ERD-14TJ123	Carbon	12KΩ	±5%	¼W
R118	ERD-14TJ332	Carbon	3.3KΩ	±5%	¼W
R119	ERD-14TJ562	Carbon	5.6KΩ	±5%	¼W
R120	ERD-14TJ822	Carbon	8.2KΩ	±5%	¼W
R121	ERD-14TJ472	Carbon	4.7KΩ	±5%	¼W
R122	ERD-14TJ682	Carbon	6.8KΩ	±5%	¼W
R123	ERD-14TJ681	Carbon	680Ω	±5%	¼W
R124	ERD-14TJ681	Carbon	680Ω	±5%	¼W
R125	ERD-14TJ330	Carbon	33Ω	±5%	¼W
R126	ERD-14TJ820	Carbon	82Ω	±5%	¼W
R127	ERD-14TJ222	Carbon	2.2KΩ	±5%	¼W
R128	ERD-14TJ750	Carbon	75Ω	±5%	¼W
R129	ERD-14TJ750	Carbon	75Ω	±5%	¼W
R130	ERD-14TJ122	Carbon	1.2KΩ	±5%	¼W
R131	ERD-14TJ122	Carbon	1.2KΩ	±5%	¼W
R132	ERD-14TJ332	Carbon	3.3KΩ	±5%	¼W
R133	ERD-14TJ333	Carbon	33KΩ	±5%	¼W
R134	ERD-14TJ334	Carbon	330KΩ	±5%	¼W
R135	ERC-14GK106	Solid	10MΩ	±10%	¼W

SYM-BOL NO.	PART NO.	DESCRIPTION	SYM-BOL NO.	PART NO.	DESCRIPTION
R136	ERD-14TJ562	Carbon 5.6KΩ ±5% ¼W	R505	ERC-1GK823	Solid 82K Ω ±10% 1W
R137	ERC-14GK475	Solid 4.7MΩ ±10% ¼W	R506	ERD-14TJ103	Carbon 10K Ω ±5% ¼W
R138	ERD-14TJ332	Carbon 3.3KΩ ±5% ¼W	R507	ERD-14TJ393	Carbon 39K Ω ±5% ¼W
R139	ERD-14TJ331	Carbon 330Ω ±5% ¼W	R508	ERD-14TJ224	Carbon 220KΩ ±5% ¼W
R140	ERD-14TJ562	Carbon 5.6KΩ ±5% ¼W	R509	ERC-12GK333	Solid 33KΩ ±10% ½W
R141	ERD-14TJ392	Carbon 3.9KΩ ±5% ¼W	R510	ERD-14TJ184	Carbon 180KΩ ±5% ¼W
R142	ERC-14GK106	Solid 10MΩ ±10% ¼W	R511	ERD-14TJ154	Carbon 150KΩ ±5% ¼W
R143	ERD-14TJ221	Carbon 220Ω ±5% ¼W	R512	ERC-14GJ564	Solid 560KΩ ±5% ¼W
R205	ERD-14TJ332	Carbon 3.3KΩ ±5% ¼W	R513	YUDVR-61	Varistor
R206	ERD-14TJ272	Carbon 2.7KΩ ±5% ¼W	R514	ERT-D3FJK154S	150KΩ
R207	ERD-14TJ330	Carbon 33Ω ±5% ¼W	R515	ERD-14TJ271	Carbon 270Ω ±5% ¼W
R208	YWRE40YR10KG	Metal Oxide Film 10KΩ	R516	ERD-14VJ221	Carbon 220Ω ±5% ¼W
R209	ERD-14TJ393	Carbon 39KΩ ±5% ¼W	R519	ERD-14TJ102	Carbon 1KΩ ±5% ¼W
R210	ERD-14TJ680	Carbon 68Ω ±5% ¼W	R601	ERD-14TJ561	Carbon 560Ω ±5% ¼W
R211	ERD-14TJ122	Carbon 1.2KΩ ±5% ¼W	R602	ERD-14TJ101	Carbon 100Ω ±5% ¼W
R212	ERD-14TJ222	Carbon 2.2KΩ ±5% ¼W	R603	ERD-14TJ272	Carbon 2.7KΩ ±5% ¼W
R213	ERD-14TJ152	Carbon 1.5KΩ ±5% ¼W	R604	ERD-14TJ183	Carbon 18KΩ ±5% ¼W
R214	ERD-14TJ152	Carbon 1.5KΩ ±5% ¼W	R605	ERD-14TJ151	Carbon 150Ω ±5% ¼W
R215	ERD-14TJ221	Carbon 220 Ω ±5% ¼W	R606	ERD-14TJ561	Carbon 560Ω ±5% ¼W
R216	ERD-14TJ750	Carbon 75Ω ±5% ¼W	R607	ERD-14TJ271	Carbon 270Ω ±5% ¼W
R301	ERD-14TJ560	Carbon 56Ω ±5% ¼W	R608	ERD-14TJ152	Carbon 1.5KΩ ±5% ¼W
R302	ERD-14TJ562	Carbon 5.6KΩ ±5% ¼W	R609	ERD-14TJ102	Carbon 1KΩ ±5% ¼W
R303	ERD-14TJ333	Carbon 3.3KΩ ±5% ¼W	R610	ERD-14TJ683	Carbon 68KΩ ±5% ¼W
R304	ERD-14TJ561	Carbon 560Ω ±5% ¼W	R611	ERD-14TJ332	Carbon 3.3KΩ ±5% ¼W
R305	ERD-14TJ471	Carbon 470Ω ±5% ¼W	R612	ERD-14TJ681	Carbon 680Ω ±5% ¼W
R306	ERD-14TJ272	Carbon 2.7KΩ ±5% ¼W	R613	ERD-14TJ392	Carbon 3.9KΩ ±5% ¼W
R307	ERD-14TJ102	Carbon 1KΩ ±5% ¼W	R614	ERD-14TJ152	Carbon 1.5KΩ ±5% ¼W
R308	ERD-14TJ220	Carbon 22Ω ±5% ¼W	R615	ERG-2PSJ392	Metal 3.9KΩ ±5% 2W
R309	YWRE40YR10KG	Metal Oxide Film 10KΩ	R616	ERD-14TJ154	Carbon 150KΩ ±5% ¼W
R310	ERD-14TJ393	Carbon 39KΩ ±5% ¼W	R617	ERD-14TJ154	Carbon 150KΩ ±5% ¼W
R311	ERD-14TJ682	Carbon 6.8KΩ ±5% ¼W	R618	ERD-14TJ823	Carbon 82KΩ ±5% ¼W
R312	ERD-14TJ333	Carbon 33KΩ ±5% ¼W	R619	ERD-14TJ332	Carbon 3.3KΩ ±5% ¼W
R313	ERD-14TJ821	Carbon 820Ω ±5% ¼W	R620	ERD-14TJ561	Carbon 560Ω ±5% ¼W
R314	ERD-14TJ331	Carbon 330Ω ±5% ¼W	R701	ERD-14TJ102	Carbon 1KΩ ±5% ¼W
R315	ERD-14TJ151	Carbon 150Ω ±5% ¼W	R702	ERD-14TJ103	Carbon 10KΩ ±5% ¼W
R316	ERD-14TJ750	Carbon 75Ω ±5% ¼W	R703	ERD-14TJ472	Carbon 4.7KΩ ±5% ¼W
R401	ERD-14TJ392	Carbon 3.9KΩ ±5% ¼W	R704	ERD-14TJ560	Carbon 56Ω ±5% ¼W
R402	ERD-14TJ223	Carbon 22KΩ ±5% ¼W	R705	ERD-14TJ223	Carbon 22KΩ ±5% ¼W
R403	ERD-14TJ223	Carbon 22KΩ ±5% ¼W	R706	ERD-14TJ472	Carbon 4.7KΩ ±5% ¼W
R404	ERD-14TJ822	Carbon 8.2KΩ ±5% ¼W	R707	ERD-14TJ561	Carbon 560Ω ±5% ¼W
R405	ERD-14TJ272	Carbon 2.7KΩ ±5% ¼W	R708	ERD-14TJ101	Carbon 100Ω ±5% ¼W
R406	ERD-14TJ822	Carbon 8.2KΩ ±5% ¼W	R709	ERD-14TJ272	Carbon 2.7KΩ ±5% ¼W
R407	ERD-14TJ822	Carbon 8.2KΩ ±5% ¼W	R710	ERD-14TJ102	Carbon 1KΩ ±5% ¼W
R408	ERD-14TJ682	Carbon 6.8KΩ ±5% ¼W	R711	ERD-14TJ681	Carbon 680Ω ±5% ¼W
R409	ERD-14TJ392	Carbon 3.9KΩ ±5% ¼W	R713	ERD-14TJ102	Carbon 1KΩ ±5% ¼W
R410	ERD-14TJ822	Carbon 8.2KΩ ±5% ¼W			
			R714	ERC-12GK150	Solid 15Ω ±10% ½W
R411	ERD-14TJ152	Carbon 1.5KΩ ±5% ¼W	R715	ERD-14TJ471	Carbon 470Ω ±5% ¼W
R501	ERD-14TJ683	Carbon 68KΩ ±5% ¼W	R716	ERD-14TJ561	Carbon 560Ω ±5% ¼W
R502	ERD-14TJ823	Carbon 82KΩ ±5% ¼W	R801	ERD-14TJ563	Carbon 56KΩ ±5% ¼W
R503	ERC-1GK561	Solid 560Ω ±10% 1W	R802	ERD-14TJ473	Carbon 47KΩ ±5% ¼W
R504	ERX-2PSK1R0	Metal Oxide Film 1Ω 2W			

SYMBOL NO.	PART NO.	DESCRIPTION			
R803	ERD-14TJ103	Carbon	10KΩ	±5%	¼W
R804	ERD-14TJ561	Carbon	560Ω	±5%	¼W
R805	ERC-14GK105	Solid	1MΩ	±10%	¼W
R901	ERD-14TJ123	Carbon	12KΩ	±5%	¼W
R902	ERD-14TJ123	Carbon	12KΩ	±5%	¼W
R903	ERD-14TJ224	Carbon	220KΩ	±5%	¼W
R904	ERC-14GJ2R2	Solid	2.2Ω	±5%	¼W
R1001	ERC-12GK100	Solid	10Ω	±5%	½W
R1002	ERC-1GK102	Solid	1KΩ	±10%	1W
R1003	ERG-2PSK222	Metal	2.2KΩ	±10%	2W
R1004	ERD-14VJ684	Carbon	680KΩ	±5%	¼W
R2001	ERD-14VJ393	Carbon	39KΩ	±5%	¼W
R2002	ERD-14VJ473	Carbon	47KΩ	±5%	¼W
R2003	ERD-14VJ334	Carbon	330KΩ	±5%	¼W
R2004	ERD-14VJ153	Carbon	15KΩ	±5%	¼W
R2005	ERD-14VJ152	Carbon	1.5KΩ	±5%	¼W
R2006	ERD-14VJ223	Carbon	22KΩ	±5%	¼W
R2007	ERD-14VJ333	Carbon	33KΩ	±5%	¼W
R2008	ERD-14VJ271	Carbon	270Ω	±5%	¼W
R2009	ERD-14VJ472	Carbon	4.7KΩ	±5%	¼W
R2010	ERD-14VJ122	Carbon	1.2KΩ	±5%	¼W
R2011	ERD-14VJ103	Carbon	10KΩ	±5%	¼W
R2012	ERD-14VJ103	Carbon	10KΩ	±5%	¼W

CAPACITORS

SYMBOL NO.	PART NO.	DESCRIPTION		
C101	YCQMS10223K	Polyester	0.022μF	100WV
C102	ECS-Z10EF10	Tantalum	10μF	10WV
C103	YCQMS05104K	Polyester	0.1μF	50WV
C104	ECQ-S1151JZ	Styrol	150pF	100WV
C105	ECC-D1H470J	Ceramic	47pF	100WV
C106	ECQ-S1101JZ	Styrol	100pF	100WV
C107	ECS-Z16EF3R3M	Tantalum	3.3μF	16WV
C108	ECE-A16V33L	Electrolytic	33μF	16WV
C109	ECV-1ZW30P44	Titanium	30pF	400WV
C110	YCQMS05682K	Mylar	0.0068μF	50WV
C111	ECE-A16V10L	Electrolytic	10μF	16WV
C112	ECQ-S1271JZ	Styrol	270pF	100WV
C113	ECSZ16EF3R3M	Tantalum	3.3μF	16WV
C114	ECC-D1H100J	Ceramic	10pF	50WV
C115	**ECSZ16EF10M**	**Tantalum**	**10μF**	**16WV**
C116	ECE-A16N47	Electrolytic	47μF	16WV
C117	ECE-A16N47	Electrolytic	47μF	16WV
C118	ECE-B16V470L	Electrolytic	470μF	16WV
C119	ECE-A16V33L	Electrolytic	33μF	16WV
C120	ECE-A16V10L	Electrolytic	10μF	16WV
C121	ECE-A50V1L	Electrolytic	1μF	50WV
C122	ECKD2H102PE	Ceramic	1000pF	500WV
C123	ECE-A16V10L	Electrolytic	10μF	16WV
C124	YCQMS10154K	Mylar	0.15μF	100WV
C125	YCQMS10154K	Mylar	0.15μF	100WV

SYMBOL NO.	PART NO.	DESCRIPTION		
C126	ECE-A16V10L	Electrolytic	10μF	16WV
C202	YCQMS05563K	Mylar	0.056μF	50WV
C203	ECE-A50B3R3I	Electrolytic	3.3μF	50WV
C204	ECE-A50B3R3I	Electrolytic	3.3μF	50WV
C205	ECE-A16V470L	Electrolytic	470μF	16WV
C206	ECE-A10V100L	Electrolytic	100μF	10WV
C207	ECE-A10V100L	Electrolytic	100μF	10WV
C301	ECQ-S1472JZ	Styrol	4700pF	100WV
C302	ECQ-S1472JZ	Styrol	4700pF	100WV
C303	ECQ-S1472JZ	Styrol	4700pF	100WV
C304	ECQ-S1561JZ	Styrol	560pF	100WV
C305	ECQ-S1472JZ	Styrol	4700pF	100WV
C306	ECQ-S1182JZ	Styrol	1800pF	100WV
C307	ECE-A16V33L	Electrolytic	33μF	16WV
C308	ECQ-S1332JZ	Styrol	3300pF	125WV
C309	ECS-Z16EG33	Tantalum	33μF	16WV
C310	ECE-A16V10L	Electrolytic	10μF	16WV
C401	YCQMS05563K	Mylar	0.056μF	50WV
C402	ECE-A25V33L	Electrolytic	33μF	25WV
C403	YCQMS05393K	Mylar	0.039μF	50WV
C404	YCQMSC5154K	Mylar	0.15μF	50WV
C405	ECS-Z25EF1M	Tantalum	1μF	25WV
C406	ECS-Z25EF1M	Tantalum	1μF	25WV
C407	ECQ-S1181JZ	Styrol	180pF	100WV
C408	YCQMS05184K	Mylar	0.18μF	50WV
C409	ECE-A25V33L	Electrolytic	33μF	25WV
C501	ECE-L25R3300	Electrolytic	3300μF	25WV
C502	ECE-A16V220L	Electrolytic	220μF	16WV
C503	YCQMS05103K	Mylar	0.01μF	50WV
C504	ECE-A16V220L	Electrolytic	220μF	16WV
C505	ECK-D2H102KB	Ceramic	0.001μF	500WV
C506	ECE-A250V4R7L	Electrolytic	4.7μF	250WV
C507	ECE-A25V33L	Electrolytic	33μF	25WV
C508	ECE-A250V3R3L	Electrolytic	3.3μF	250WV
C509	ECK-D2H103PE	Ceramic	0.01μF	500WV
C510	ECK-D2H102KB	Ceramic	0.001μF	500WV
C511	ECE-A350V3R3L	Electrolytic	3.3μF	350WV
C512	ECK-D2H102KB	Ceramic	1000pF	500WV
C513	ECE-B500V3R3L	Electrolytic	3.3μF	500WV
C514	ECE-A450V4R7L	Electrolytic	4.7μF	450WV
C515	ECK-D2H103PE	Ceramic	0.01μF	500WV
C516	YW4MFT-D224	Metal Oxide	0.22μF	400WV
C517	ECK-DAL101PE	Titanium	0.001μF	125WV
C518	ECK-DAL101PE	Titanium	0.001μF	125WV
C601	ECE-A16V47L	Electrolytic	47μF	16WV
C602	ECQ-S1101JZ	Styrol	100pF	100WV
C603	ECE-A16V10L	Electrolytic	10μF	16WV
C604	ECE-A16V47L	Electrolytic	47μF	16WV
C605	ECC-D1H560JC	Ceramic	56pF	50WV
C606	YCQMS20104K	Myler	0.1μF	200WV
C607	YCQMS10104K	Myler	0.1μF	100WV

SYMBOL NO.	PART NO.	DESCRIPTION		
C608	**ECC-D1H680J**	**Ceramic**	**68pF**	**50WV**
C701	ECE-A16V47L	Electrolytic	47µF	16WV
C702	ECE-A16V47L	Electrolytic	47µF	16WV
C703	ECE-A16V47MH	Electrolytic	47µF	16WV
C704	ECE-A16V47MH	Electrolytic	47µF	16WV
C705	ECE-A16V220L	Electrolytic	220µF	16WV
C706	ECE-B16V2200L	Electrolytic	2200µF	16WV
C707	ECS-Z16EF3R3M	Tantalum	3.3µF	16WV
C801	ECE-A160V1	Electrolytic	1µF	160WV
C802	YCQMS10154K	Myler	0.15µF	100WV
C901	YCQMS05104K	Myler	0.1µF	50WV
C902	YCQMS05563K	Myler	0.056µF	50WV
C903	YCQMS05273K	Myler	0.027µF	50WV
C904	ECQ-M4153KZ	Myler	0.015µF	400WV
C905	YW1MFT-P106	Paper	10µF	100WV
C906	ECE-B16V1000L	Electrolytic	1000µF	16WV
C1001	ECE-B160V10L	Electrolytic	10µF	160WV
C1002	YW6MFT-D473	Paper	0.047µF	600WV
C1003	ECQ-M6104MZ	Myler	0.1µF	600WV
C2001	ECE-A16V100L	Electrolytic	100µF	16WV
C2002	ECE-A16V100L	Electrolytic	100µF	16WV
C2003	ECE-A16V100L	Electrolytic	100µF	16WV
C2004	ECE-A16V100L	Electrolytic	100µF	16WV
C2005	ECE-A16V47L	Electrolytic	47µF	16WV
C2006	YCQMS05224K	Myler	0.22µF	50WV
C2007	ECE-A16V100L	Electrolytic	100µF	16WV
C2008	ECE-A16V47L	Electrolytic	47µF	16WV
C3001	YCQMS05563K	Myler	0.056µF	50WV
C3002	YCQMS05273K	Myler	0.027µF	50WV
C4001	ECQS1221KZ	Styrol	220pF	100V
C4002	YCQMS05104K	Polyester Film	0.1µF	50V
C4003	ECE-A10V10L	Electrolytic	10µF	10V
C4004	ECE-A10V220L	Electrolytic	220µF	10V
C4005	ECE-A50V1L	Electrolytic	1µF	50V
C4006	YCQMS05332K	Polyester Film	3300pF	50V

CONTROLS

SYMBOL NO.	PART NO.	DESCRIPTION	
VR101	YWSR19R163	Solid Volume	
VR201	YWSR19R163	Solid Volume V.OSC. FREQ	
VR202	YWSR19R163	Solid Volume V.SIZE	
VR203	EVT30AA00B12	Volume V.LIN	
VR301	YWDR122-200B	Coil Volume H.SIZE	
VR501	EVHB0AL20B55	Beam	500KΩ
VR502	EVHB0AL20B55	Focus	500KΩ
VR503	YWSR19R173	Target	470KΩ
VR504	EVHB0KL20B55	Target	500KΩ
VR601	EVHB0AL20B52	500Ω Volume	
VR602	EVHB0AL20B15	100KΩ Volume	
VR701	**YWSR19R159**	**Solid Volume V.SIZE**	
VR702	YWSR19R157	Solid Volume V.LIN	
VR 1001	EVCB0AS10B16	Focus	1MΩ Focus

COILS & TRANSFORMERS

SYMBOL NO.	PART NO.	DESCRIPTION
L-101	ELY-18A002A	Vidicon Coil Ass'y
L-201	YWYS3532PL	CRT Coil Ass'y
L-401	YWVCH-1	Vertical Coil
L-301	YWCAN30008	H. OSC Coil
L-302	YWCAN1973HM	LIN Coil
L-601	YWTV-242	Peaking Coil
L-602	YWTV-243	Peaking Coil
L-901	YWL-701	L-Filter
L-902	ETH16F7A	H. Drive Trans
L-903	YWH1D-1	H. Sides Coil
L-904	YWHLIN-4	H. Lin Coil
T-1	YWHPT-021	Power Transformer
T-2	YWFS-3620A	Flyback Transformer

SWITCHES

SYMBOL NO.	PART NO.	DESCRIPTION
SW-1	YWPS60222V00	Power Switch
SW-2	YSTS-J0282-4	Slide Switch
SW-3	**SLC-022BH**	**Line Camera Switch**
SW-4	YSTS-J0282-4	COM-NONCOM Switch

MISCELLANEOUS

SYMBOL NO.	PART NO.	DESCRIPTION
V-1	20PE13A	VIDICON
V-2	110CB4	Cathode-Ray-Tube
PL	YWBNE-2RED	Neon Lamp
TALLY	F1024V50mA	Tally Lamp
J-1	YWMS-R	Coaxial Connector Recaptacle
J-2	YWRM15TRG10S	10P Connector
E-1	**YWV341PZK01**	**P.C.B. Ass'y for Power Supply**
E-2	**YWV341PZK02**	**P.C.B. Ass'y for Video & Deflection**
E-3	**YWV341PZK03**	**P.C.B. Ass'y for Pre Amp.**
E-4	YW033PXB01	Coaxial Cable
E-5	YW22J-22C	22P Connector
E-6	**PTF28UL011007**	**28P Connector**
E-7	YWMTC18EM01	Earth Lug
E-8	YWTVJ-105	Vidicon, Socket
E-10	YWM20082A	Lamp Socket
E-11	YW3C-32	Intercom Jack
E-12	YW1-480417-0	Receptacle Housing
E-13	YQL1-1PR-SE	Lug Plate
E-14	YQL1-4PH-SE	Lug Plate
E-15	YWSI-2824-3	4P Plug
E-16	YWSI-2324-3	4P Socket
E-17	YW128F10181S	6P Connector
E-18	YWSI-2826-3	6P Connector
E-19	YW128F10181P	6P Connector
E-20	YWMTC12-AM15	Fasten
E-21	YWV200ZK03	P.C.B. Ass'y for 60Hz OSC

SYMBOL NO.	PART NO.	DESCRIPTION
E-22	YWSEE09705	Power Source Voltage Selector
M-1	YWV340PAM12	Pre Amp Chassis
M-2	YWV340PAM13A	Pre Amp Cover
M-22	YWV340PDR01	Front Cover
M-24	YWV340PDR02	Rear Cover
M-25	**YWV341PKM01**	**Right Side Cover**
M-26	**YWV341PKM02**	**Left Side Cover**
M-27	YWV340PKM03A	Upper Cover
M-28	YWV340PKM04C	Bottom Cover
M-29	**YWV341PUM01**	**Rear Panel**
M-30	YWV340PHM01A	Handle (Body)
M-31	**YWV341NUM02A**	**Main Name Plate**
M-32	YWV340PLR01	Tally Card
M-33	YWV340PAM10A	Zoom Shaft AL
M-34	YWV340PFR02A	Zoom Shaft Guide
M-35	**YWV341NUM03**	**Right Side Line Namer**
M-36	YWV361NUM04	Left Side Line Namer
M-37	YWV340PCM04E	Front Chassis
M-38	YWV340PCM05E	Rear Chassis
M-39	YWV340PCM06A	Main Chassis
M-40	YWV340PCM07A	FBT Chassis
M-41	**YWV341NRB01**	**Instruction Book**
M-43	YWMTC12XB02	Cloth
M-45	YWBC-2A	Body Cap
M-46	**YWV340PLR01**	**Tally Card Brank**
M-47	**YWV341PLR01**	**Tally Card 1**
M-48	**YWV341PLR02**	**Tally Card 2**
M-49	**YWV341PLR03**	**Tally Card 3**
M-51	YW1616MN	Lens
M-52	YWRB-2	Coaxial Connector Receptacle
M-53	YW86182-2	Terminal for Micro-hoke P.C.B.
M-55	YWV340PFB01A	Rubber For Handle
M-56	YWV340PFB02B	Cushion for Handle
M-57	YWV340PFM01	Shaft For Handle
M-58	YWV340PAM01	Braket For Handle
M-59	YWV340PKR02	Tally Cover
M-60	YWV340PCM02C	Tripod Mount
M-61	YWV340PHR01	Knob 12ϕ
M-62	YWV340PHR02	Knob 17ϕ
M-63	YWV340PWM06A	Plate Spring For Earth
M-64	**YWV341PWM01**	**Plate Spring For Zoom Shaft**
M-65	YWS-RB019	X-Ray Label
M-66	YW14-NRK	Namer
M-67	YWS-WB01	Rubber Foot
M-68	YWV200PUB10	Caution Label For Cover (Big)
M-69	YWV200PUB11	Caution Label For Cover (Small)
M-70	YWV350PLB02	Caution Label for High
M-71	YWV240PUB01B	SER NO. Label
M-72	**YWV341PUR01**	**Caution Label for Screw**
M-73	YWV340PAM03	Foot for P.C.B.
M-74	YWV340PWM02A	Right P.C.B. Spring
M-75	YWV340PWM03A	Left P.C.B. Spring
M-76	YWV340PKR01A	CRT Cover
M-77	YWV340PFB03	CRT Rubber
M-78	YWV340PWM04A	CRT Spring (1)
M-79	YWV340PWM05B	CRT Spring (2)
M-80	YWV340PAM05	Pilot Angle
M-81	YWV340PAM06A	Connector Plate
M-82	YWSR-5P-4	Bushing
M-83	YWV340PAM11	Capacitor Band
M-84	YWV370PWR01A	Jack Washer
M-85	YWUT01-WM01A	Spring
M-86	YWV340PBM04	Guide For Circuit
M-87	YWV340PAM14	P.C.B. Guide
M-89	YWV341PWB01	Spring
M-90	YWV340PUM02A	VR Panel
M-91	YWV340PAM07D	Heat Sink Plate
M-92	YWV340PAM15	Clamp for Thermistor
M-93	YWV340PAM16	Clamp for Thermistor
M-94	YWV340PLB01	Fiber
M-95	YWV340PAM08B	Shield Plate A
M-96	YWV340PWB01	Insulated Cushion
M-97	**YWV341NLB04**	**SW Name Plate**
M-98	YWMTC12RB05	Caution Tag
M-99	**YWV341PLB01**	**Power Switch Cloth**
M-100	**YWV341PLB02**	**Slide Switch Cloth**
M-101	**YWV341PLB03**	**Lever Switch Cloth**

REPLACEMENT PARTS LIST

NOTE: BOLD LETTER INDICATE THE NEW PARTS

MODEL WV-361N

IC

SYMBOL NO.	PART NO.	DESCRIPTION
IC1	YT-5215	Video Amp
IC2	YT-5215	Video Amp
IC3	EHD-HA1105	BL. Sync Mix And Shaper
IC4	EHD-AD2503	Voltage Regulator
IC5	EHD-FD3122	Voltage Regulator

TRANSISTORS

SYMBOL NO.	PART NO.	DESCRIPTION
TR1	2SK19-GR	Video Amp for Camera
TR2	2SC828-PQR	Video Amp for Camera
TR3	2SC828-PQR	BL Mix
TR4	2SC828-PQR	Video Amp for Camera
TR5	2SC828-PQR	Video Amp for Camera
TR6	2SC1012	DC Amp
TR7	3SF-11Q	Video Sawtooth GEN
TR8	2SA564-PQR	Video Amp
TR9	CDC8001-1-CD	Video Output
TR10	3SF-11Q	Horizontal Sawtooth GEN
TR11	2SC828-Q	Horizontal Amp
TR12	2SC696A	Horizontal Output
TR13	2SC828-Q	Wave Shaper
TR14	2SC828-PQR	Horizontal OSC
TR15	2SC828-PQR	Line Ware Shaper
TR16	2SA564-PQR	Video Amp for Camera
TR17	CDC-8001-1CD	Video Amp for Camera
TR18	CDC-8001-1CD	Video Amp for Camera
TR20	2SC828-PQR	Video Amp for View Finder
TR21	2SA564-PQR	Sync Amp
TR22	2SC828-PQR	Video Amp for View Finder
TR23	2SC828-PQR	Video Amp for View Finder
TR24	2SC1012	Video Amp for View Finder
TR25	2SC828-PQR	Video OSC
TR26	2SA564-PQR	Sawtooth GEN
TR27	2SC538-PQR	Video Amp
TR28	2SC840-TC	Video Output
TR29	2SC647-PQ	DC Regulator
TR30	2SC828-PQR	AFC
TR31	2SA564-PQR	Horizontal OSC
TR32	2SC696A	Horizontal Drive
TR33	2SC901A	Horizontal Output
TR35	2SA546-PARE	Electronic Switch
TR36	2SC828-PQR	Electronic Switch

DIODES

SYMBOL NO.	PART NO.	DESCRIPTION
D1	YUD1S1555	BL SYNC Mix
D2	YUD1S1555	White Suppresor
D4	OA-91	Rectifier
D5	OA-91	Rectifier
D6	OA-91	Damper
D7	OA-91	Damper
D8	OA-91	Damper
D9	YUDSD18	Linearity Compensation
D10	OA-91	Rectifier
D11	YUD5B05	Rectifier
D12	YUDFR-2-06	Rectifier
D13	YUDZB1-150J	High Voltage Regulator
D14	YUDFR-2-06	Rectifier
D15	YUDFR-2-06	Rectifier
D16	YUDZB1-35	High Voltage Regulator
D17	YUDZB1-150J	High Voltage Regulator
D18	YUDZB1-150J	High Voltage Regulator
D19	YUD1S689A	Damper
D20	YWSD-1B	Rectifier
D21	YWSD-1B	Voltage Regulator
D22	YWFT1N	Rectifier
D23	OA-91	Rectifier
D24	OA-91	Rectifier
D25	OA-91	AFC
D26	OA-91	AFC
D27	OA-91	
D28	OA-91	

RESISTORS

SYMBOL NO.	PART NO.	DESCRIPTION			
R101	ERC-14GJ684	Solid	680KΩ	±5%	¼W
R102	ERC-14GJ224	Solid	220KΩ	±5%	¼W
R103	ERC-14GJ102	Solid	1KΩ	±5%	¼W
R104	ERC-14GJ101	Solid	100Ω	±5%	¼W
R105	ERC-14GJ683	Solid	68KΩ	±5%	¼W
R106	ERD-14VJ683	Carbon	68KΩ	±5%	¼W
R107	ERD-14VJ222	Carbon	2.2KΩ	±5%	¼W
R108	ERD-14VJ681	Carbon	680Ω	±5%	¼W
R109	ERD-14VJ103	Carbon	10KΩ	±5%	¼W
R110	ERD-14VJ473	Carbon	47KΩ	±5%	¼W
R111	ERD-14VJ103	Carbon	10KΩ	±5%	¼W
R112	ERD-14VJ102	Carbon	1KΩ	±5%	¼W
R113	ERC-14GK564	Solid	560KΩ	±10%	¼W
R114	ERD-14VJ152	Carbon	1.5KΩ	±5%	¼W
R115	ERD-14VJ391	Carbon	390Ω	±5%	¼W
R116	ERD-14VJ332	Carbon	3.3KΩ	±5%	¼W
R117	ERD-14VJ123	Carbon	12KΩ	±5%	¼W
R118	ERD-14VJ222	Carbon	2.2KΩ	±5%	¼W
R119	ERD-14VJ822	Carbon	8.2KΩ	±5%	¼W
R120	ERD-14VJ682	Carbon	6.8KΩ	±5%	¼W
R121	ERD-14VJ472	Carbon	4.7KΩ	±5%	¼W
R122	ERD-14VJ681	Carbon	680Ω	±5%	¼W
R123	ERD-14VJ681	Carbon	680Ω	±5%	¼W
R124	ERD-14VJ820	Carbon	82Ω	±5%	¼W
R125	ERD-14VJ270	Carbon	27Ω	±5%	¼W

SYMBOL NO.	PART NO.	DESCRIPTION			
R126	ERD-14VJ222	Carbon	2.2KΩ	±5%	¼W
R127	ERD-14VJ750	Carbon	75Ω	±5%	¼W
R128	ERD-14VJ750	Carbon	75Ω	±5%	¼W
R129	ERD-14VJ121	Carbon	120Ω	±5%	¼W
R130	ERD-14VJ471	Carbon	470Ω	±5%	¼W
R131	ERD-14VJ151	Carbon	150Ω	±5%	¼W
R132	ERD-14VJ222	Carbon	2.2KΩ	±5%	¼W
R133	ERD-14TJ102	Carbon	1KΩ	±5%	¼W
R134	ERD-14VJ102	Carbon	1KΩ	±5%	¼W
R135	ERC14GK106	Carbon	10MΩ	±10%	¼W
R136	ERD-14VJ334	Carbon	330KΩ	±5%	¼W
R137	ERC-14GJ475	Solid	4.7MΩ	±5%	¼W
R148	ERD-14VJ332	Carbon	3.3KΩ	±5%	¼W
R149	ERD-14VJ333	Carbon	33KΩ	±5%	¼W
R150	ERD-14VJ562	Carbon	5.6KΩ	±5%	¼W
R151	ERD-14VJ332	Carbon	3.3KΩ	±5%	¼W
R152	ERD-14VJ331	Carbon	330Ω	±5%	¼W
R153	ERD-14VJ562	Carbon	5.6KΩ	±5%	¼W
R154	ERD-14VJ222	Carbon	2.2KΩ	±5%	¼W
R155	ERD-14VJ750	Carbon	75Ω	±5%	¼W
R157	ERC-14GK106	Solid	10MΩ	±10%	¼W
R158	ERD-14VJ750	Carbon	75Ω	±5%	¼W
R159	ERD-14TJ750	Carbon	75Ω	±5%	¼W
R201	ERC-14GK105	Solid	1MΩ	±10%	¼W
R202	ERD-14VJ104	Carbon	100KΩ	±5%	¼W
R203	ERD-14VJ104	Carbon	100KΩ	±5%	¼W
R204	ERD-14VJ682	Carbon	6.8KΩ	±5%	¼W
R205	ERD-14VJ332	Carbon	3.3KΩ	±5%	¼W
R206	ERD-14VJ272	Carbon	2.7KΩ	±5%	¼W
R207	ERD-14VJ330	Carbon	33Ω	±5%	¼W
R208	RE40YR-10KG	Metal Oxide Film	10KΩ		
R209	ERD-14VJ393	Carbon	39KΩ	±5%	¼W
R210	ERD-14VJ680	Carbon	68Ω	±5%	¼W
R211	ERD-14VJ122	Carbon	1.2KΩ	±5%	¼W
R212	ERD-14VJ222	Carbon	2.2KΩ	±5%	¼W
R213	ERD-14VJ152	Carbon	1.5KΩ	±5%	¼W
R214	ERD-14VJ152	Carbon	1.5KΩ	±5%	¼W
R215	ERD-14VJ221	Carbon	220Ω	±5%	¼W
R216	ERD-14VJ562	Carbon	5.6KΩ	±5%	¼W
R301	ERD-14VJ223	Carbon	22KΩ	±5%	¼W
R302	ERD-14VJ272	Carbon	2.7KΩ	±5%	¼W
R303	ERD-14VJ393	Carbon	39KΩ	±5%	¼W
R304	ERD-14VJ822	Carbon	8.2KΩ	±5%	¼W
R305	ERD-14VJ152	Carbon	1.5KΩ	±5%	¼W
R306	ERD-14VJ822	Carbon	8.2KΩ	±5%	¼W
R307	ERD-14VJ682	Carbon	6.8KΩ	±5%	¼W
R308	ERD-14VJ392	Carbon	3.9KΩ	±5%	¼W
R309	ERD-14VJ822	Carbon	8.2KΩ	±5%	¼W
R310	ERD-14VJ822	Carbon	8.2KΩ	±5%	¼W
R401	ERD-14VJ562	Carbon	5.6KΩ	±5%	¼W
R402	ERD-14VJ333	Carbon	33KΩ	±5%	¼W
R403	ERD-14VJ561	Carbon	560Ω	±5%	¼W
R404	ERD-14VJ471	Carbon	470Ω	±5%	¼W
R405	ERD-14VJ471	Carbon	470Ω	±5%	¼W
R406	ERD-14VJ272	Carbon	2.7KΩ	±5%	¼W
R407	ERD-14VJ102	Carbon	1KΩ	±5%	¼W
R408	ERD-14VJ220	Carbon	22Ω	±5%	¼W
R409	RE40YR-10KG	Metal Oxide Film	10KΩ		
R410	ERD-14VJ393	Carbon	39KΩ	±5%	¼W
R411	ERD-14VJ682	Carbon	6.8KΩ	±5%	¼W
R412	ERD-14VJ333	Carbon	33KΩ	±5%	¼W
R413	ERD-14VJ122	Carbon	1.2KΩ	±5%	¼W
R414	ERD-14VJ471	Carbon	470Ω	±5%	¼W
R415	ERD-14VJ121	Carbon	120Ω	±5%	¼W
R416	ERD-14VJ100	Carbon	10Ω	±5%	¼W
R501	ERD-14TJ683	Carbon	68KΩ	±5%	¼W
R502	ERD-14TJ823	Carbon	82KΩ	±5%	¼W
R503	ERC-1GK561	Solid	560Ω	±10%	1W
R504	ERX-2PSK1R0	Metal Oxide Film	1Ω	±10%	2W
R505	ERC-1GK823	Solid	82KΩ	±10%	1W
R506	ERD-14TJ103	Carbon	10KΩ	±5%	¼W
R507	ERD-14TJ393	Carbon	39KΩ	±5%	¼W
R508	ERD-14TJ224	Carbon	220KΩ	±5%	¼W
R509	ERC-2GK333	Solid	33KΩ	±10%	2W
R510	ERD-14TJ184	Carbon	180KΩ	±5%	¼W
R511	ERD-14TJ154	Carbon	150KΩ	±5%	¼W
R512	ERC-14GK564	Solid	560KΩ	±10%	¼W
R513	ERD-14TJ104	Carbon	100KΩ	±5%	¼W
R514					
R515	ERD-14TJ750	Carbon	75Ω	±5%	¼W
R551	ERD-14TJ272	Carbon	2.7KΩ	±5%	¼W
R552	ERD-14TJ152	Carbon	1.5KΩ	±5%	¼W
R553	ERD-14TJ471	Carbon	470Ω	±5%	¼W
R554	ERD-14TJ391	Carbon	390Ω	±5%	¼W
R555	ERD-14TJ222	Carbon	2.2KΩ	±5%	¼W
R601	ERD-14VJ103	Carbon	10KΩ	±5%	¼W
R602	ERD-14VJ682	Carbon	6.8KΩ	±5%	¼W
R603	ERD-14VJ331	Carbon	330Ω	±5%	¼W
R604	ERD-14VJ101	Carbon	100Ω	±5%	¼W
R605	ERD-14VJ333	Carbon	33KΩ	±5%	¼W
R606	ERD-14VJ334	Carbon	330KΩ	±5%	¼W
R607	ERD-14VJ562	Carbon	5.6KΩ	±5%	¼W
R608	ERD-14VJ333	Carbon	33KΩ	±5%	¼W
R609	ERD-14VJ562	Carbon	5.6KΩ	±5%	¼W
R610	ERD-14VJ392	Carbon	3.9KΩ	±5%	¼W
R611	ERD-14VJ331	Carbon	330Ω	±5%	¼W
R612	ERD-14VJ470	Carbon	47Ω	±5%	¼W
R613	ERD-14VJ152	Carbon	1.5KΩ	±5%	¼W
R614	ERD-14VJ683	Carbon	68KΩ	±5%	¼W
R615	ERD-14VJ123	Carbon	12KΩ	±5%	¼W
R616	ERD-14VJ271	Carbon	270Ω	±5%	¼W
R617	ERG-2PSJ332	Metal Oxide	3.3KΩ		2W
R618	ERD-14VJ392	Carbon	3.9KΩ	±5%	¼W
R619	ERD-14VJ102	Carbon	1KΩ	±5%	¼W
R620	ERC-14GK105	Solid	1MΩ	±10%	¼W
R621	ERD-14VJ152	Carbon	1.5KΩ	±5%	¼W
R622	ERD-14TJ104	Carbon	100KΩ	±5%	¼W
R623	ERD-14TJ563	Carbon	56KΩ	±5%	¼W
R624	ERD-14TJ154	Carbon	150KΩ	±5%	¼W
R625	ERD-14TJ680	Carbon	68Ω	±5%	¼W
R626	ERD-14VJ471	Carbon	470Ω	±5%	¼W
R701	ERD-14VJ103	Carbon	10KΩ	±5%	¼W

SYMBOL NO.	PART NO.	DESCRIPTION			
R702	ERD-14VJ332	Carbon	3.3KΩ	±5%	¼W
R703	ERD-14VJ332	Carbon	3.3KΩ	±5%	¼W
R704	ERD-14VJ103	Carbon	10KΩ	±5%	¼W
R705	ERD-14VJ332	Carbon	3.3KΩ	±5%	¼W
R706	ERD-14VJ221	Carbon	220Ω	±5%	¼W
R707	ERD-14VJ471	Carbon	470Ω	±5%	¼W
R708	ERD-14VJ392	Carbon	3.9KΩ	±5%	¼W
R709	ERD-14VJ101	Carbon	1K100Ω	±5%	¼W
R710	ERD-14TJ681	Carbon	680Ω	±5%	¼W
R711	ERD-14TJ102	Carbon	1KΩ	±5%	¼W
R712			800Ω		
R713	ERD-14TJ821	Carbon	820Ω	±5%	¼W
R714	ERC-12GK100	Solid	10Ω	±10%	½W
R715	ERD-14VJ272	Carbon	2.7KΩ	±5%	¼W
R716	ERD-14VJ223	Carbon	22KΩ	±5%	¼W
R717	ERD-14VJ220	Carbon	22Ω	±5%	¼W
R718	ERD-14VJ472	Carbon	4.7KΩ	±5%	¼W
R719	ERD-14VJ561	Carbon	560Ω	±5%	¼W
R720	ERD-14VJ121	Carbon	120Ω	±5%	¼W
R801	ERD-14TJ332	Carbon	3.3KΩ	±5%	¼W
R802	ERD-14TJ472	Carbon	4.7KΩ	±5%	¼W
R803	ERD-14TJ103	Carbon	10KΩ	±5%	¼W
R901	ERD-14VJ821	Carbon	820Ω	±5%	¼W
R902	ERD-14VJ333	Carbon	33KΩ	±5%	¼W
R903	ERD-14VJ821	Carbon	820Ω	±5%	¼W
R904	ERD-14VJ682	Carbon	6.8KΩ	±5%	¼W
R905	ERD-14VJ562	Carbon	5.6KΩ	±5%	¼W
R906	ERD-14VJ562	Carbon	5.6KΩ	±5%	¼W
R907	ERD-14VJ152	Carbon	1.5KΩ	±5%	¼W
R908	ERD-14VJ562	Carbon	5.6KΩ	±5%	¼W
R909	ERD-14VJ153	Carbon	15KΩ	±5%	¼W
R910	ERD-14VJ123	Carbon	12KΩ	±5%	¼W
R911	ERD-14VJ122	Carbon	1.2KΩ	±5%	¼W
R912	ERD-14VJ152	Carbon	1.5KΩ	±5%	¼W
R913	ERD-14VJ102	Carbon	1KΩ	±5%	¼W
R914	ERD-14VJ331	Carbon	330Ω	±5%	¼W
R915	ERD-14VJ220	Carbon	22Ω	±5%	¼W
R916	ERG-2PSK222	Metal Oxide Film		2.2KΩ	2W
R917	ERD-14VJ153	Carbon	15KΩ	±5%	¼W
R1001	ERC-12GK100	Solid	10Ω	±10%	½W
R1002	ERC-1GK102	Solid	1KΩ	±10%	1W
R1003	ERG-2PSK222	Metal Oxide Film		2.2KΩ	2W

CAPACITORS

C101	YCQMS10223K	Polyester	0.022μF	100WV
C102	ECS-Z10EF10	Tantal	10μF	10WV
C103	YCQMS05104K	Polyester	0.1μF	50WV
C104	YCQMS05104K	Polyester	0.1μF	50WV
C105	ECC-D1H101J	Ceramic	100pF	50WV

SYMBOL NO.	PART NO.	DESCRIPTION		
C106	ECC-D1H560K	Ceramic	56pF	50WV
C107	YCQMS05224	Polyester	0.22μF	50WV
C108	ECS-Z25EF3R3M	Tantal	3.3μF	25WV
C109	ECQ-S1221KZ	Styrol	39pF	125WV
C110	ECE-A16V33L	Electrolytic	33μF	16WV
C111	ECV-1ZW30P44	Trimmer	30pF	
C112	YCQMS05224	Polyester	0.22μF	50WV
C113	ECQ-S1271KZ	Styrol	270pF	125WV
C114	ECC-D1H470J	Ceramic	47pF	50WV
C115	ECS-Z25EF3R3M	Tantal	3.3μF	25WV
C116	ECE-A16V100L	Electrolytic	100μF	16WV
C117	ECE-A16V10L	Electrolytic	10μF	16WV
C118	ECE-A16N47	Electrolytic	47μF	16WV
C119	ECE-A16N47	Electrolytic	47μF	16WV
C120	ECE-A10V470L	Electrolytic	470μF	10WV
C121	ECE-A50V1L	Electrolytic	1μF	50WV
C122	ECE-A16V10L	Electrolytic	10μF	16WV
C123	ECE-A16V10L	Electrolytic	10μF	16WV
C124	YCQMS10104K	Polyester	0.1μF	100WV
C125	YCQMS10104K	Polyester	0.1μF	100WV
C126	ECE-A16V10L	Electrolytic	10μF	16WV
C127	ECK-D2H102KB	Ceramic	1000pF	500WV
C128	ECE-A16V33L	Electrolytic	33μF	16WV
C129	ECE-A16V100L	Electrolytic	100μF	16WV
C201	YCQMS05563K	Polyester	0.056μF	50WV
C202	ECE-A10V100L	Electrolytic	100μF	10WV
C203	ECE-A50B3R3I	Electrolytic	3.3μF	50WV
C204	ECE-A50B3R3I	Electrolytic	3.3μF	50WV
C206	ECE-A10V100L	Electrolytic	100μF	10WV
C207	ECE-B16V470L	Electrolytic	470μF	16WV
C301	ECE-A25V33L	Electrolytic	33μF	25WV
C302	YCQMS05393K	Polyester	0.039μF	50WV
C303	ECS-Z25EF1M	Tantal	1μF	25WV
C304	YCQMS05184K	Polyester	0.18μF	50WV
C305	ECS-Z25EF1M	Tantal	1μF	25WV
C306	YCQMS05154K	Polyester	0.15μF	50WV
C307	YCQMS05563K	Polyester	0.056μF	50WV
C308	ECQ-S1181KZ	Styrol	180pF	125WV
C309	ECK-D1H102MB	Ceramic	1000pF	50WV
C401	ECQ-S1472KZ	Styrol	4700pF	125WV
C402	ECQ-S1472KZ	Styrol	4700pF	125WV
C403	ECQ-S1472KZ	Styrol	4700pF	125WV
C404	ECE-A16V470L	Electrolytic	470μF	16WV
C405	ECQ-S1222KZ	Styrol	2200pF	125WV
C406	ECQ-S1561KZ	Styrol	560pF	125WV
C407	ECQ-S1472KZ	Styrol	0.0047μF	125WV
C408	ECQ-S1182KZ	Styrol	0.0018μF	125WV
C409	ECQ-S1302KZ	Styrol	0.003μF	125WV
C410	ECE-A16V33L	Electrolytic	33μF	16WV
C411	ECE-A16V33L	Electrolytic	33μF	16WV

SYM-BOL NO.	PART NO.	DESCRIPTION		
C413	ECE-A16V33L	Electrolytic	33μF	16WV
C501	ECE-L25R3300E	Electrolytic	3300μF	25WV
C502	ECE-A16V220L	Electrolytic	220μF	16WV
C503	YCQMS05103K	Polyester	0.01μF	50WV
C504	ECE-A16V220L	Electrolytic	220μF	16WV
C505	ECK-D2H102KB	Ceramic	1000pF	500WV
C506	ECE-A250V4R7L	Electrolytic	4.7μF	250WV
C507	ECE-A25V33L	Electrolytic	33μF	25WV
C508	ECE-A250V3R3L	Electrolytic	3.3μF	250WV
C509	ECK-D2H103PE	Ceramic	0.01μF	500WV
C510	ECK-D2H102KB	Ceramic	1000pF	500WV
C511	ECE-350V3R3L	Electrolytic	3.3μF	350WV
C512	ECK-D2H102KB	Ceramic	1000pF	500WV
C513	ECE-B500V3R3L	Electrolytic	3.3μF	500WV
C514	ECE-A450V4R7L	Electrolytic	4.7μF	450WV
C515	ECK-D2H103PE	Titanium	0.01μF	500WV
C516	YW4MFT-D224	Metallized	0.22μF	400WV
C517	ECK-D2H103PE	Titanium	0.01μF	500WV
C518	ECK-DAL102PE	Ceramic	1000pF	1000WV
C519	ECK-DAL102PE	Ceramic	1000pF	1000WV
C520	YCQMS05103K	Polyester	0.01μF	50WV
C601	ECE-A16V47L	Electrolytic	47μF	16WV
C602	ECE-A16V100L	Electrolytic	100μF	16WV
C603	YCQMS05104K	Polyester	0.1μF	50WV
C604	ECE-A50V1L	Electrolytic	1μF	50WV
C605	ECE-A16V220L	Electrolytic	220μF	16WV
C606	ECQ-S1181KZ	Styrol	180pF	125WV
C607	ECE-A16V47L	Electrolytic	47μF	16WV
C608	ECQ-S1181KZ	Styrol	180pF	125WV
C609	ECE-A16V100L	Electrolytic	100μF	16WV
C610	ECQ-S1271KZ	Styrol	270pF	125WV
C611	YCQMS10104K	Polyester	0.1μF	100WV
C612	ECE-A160V4R7L	Electrolytic	4.7μF	160WV
C613	YCQMS10104K	Polyester	0.1μF	100WV
C701	ECE-A50V1L	Electrolytic	1μF	50WV
C702	ECE-A16V100L	Electrolytic	100μF	16WV
C703	YCQMS05333K	Polyester	0.033μF	50WV
C704	YCQMS05153K	Polyester	0.015μF	50WV
C705	YCQMS05104K	Polyester	0.1μF	50WV
C706	ECE-B16V2200L	Electrolytic	2200μF	16WV
C707	ECS-Z16EF4R7M	Tantal	4.7μF	16WV
C708	ECE-A16V47MH	Electrolytic	47μF	16WV
C709	ECE-A16V350	Electrolytic	350μF	16WV
C710	ECE-A16V47L	Electrolytic	47μF	16WV
C711	ECE-A16V220L	Electrolytic	220μF	16WV
C712	ECE-A16V47MH	Electrolytic	47μF	16WV
C713	ECS-Z16EF4R7M	Tantal	4.7μF	16WV
C801	ECS-Z16EFR47M	Tantal	0.47μF	16WV
C802	YCQMS10224K	Polyester	0.22μF	100WV
C901	ECE-A50V1L	Electrolytic	1μF	50WV

SYM-BOL NO.	PART NO.	DESCRIPTION		
C902	YCQMS05103K	Polyester	0.01μF	50WV
C903	YCQMS05103K	Polyester	0.01μF	50WV
C904	ECQ-M4473KX	Polyester	0.047μF	400WV
C905	YW1MFT-P106	Electrolytic	10μF	150WV
C906	ECE-B16V1000L	Electrolytic	1000μF	16WV
C907	ECE-A16V220L	Electrolytic	220μF	16WV
C908	ECS-Z16EF4R7M	Electrolytic	4.7μF	16WV
C909	YCQMS05104K	Polyester	0.1μF	50WV
C910	YCQMS05104K	Polyester	0.1μF	50WV
C911	YCQMS05473K	Polyester	0.047μF	50WV
C912	YCQMS10104K	Polyester	0.1μF	100WV
C913	ECE-A16V470L	Electrolytic	470μF	16V
C914			0.22μF	
C915	ECH-S1225M	MP Capacitor	22μF	125WV
C916	ECQ-M4472KX	Polyester	4700pF	400WV
C1001	ECE-B160V10L	Electrolytic	10μF	160WV
C1002	YW6MFT-D473	Metallized	0.0047μF	600WV
C1003	ECN-DM6104MZ	Oil	0.1μF	600WV

CONTROLS

VR101	SR19R10KB	White Suppresor	10KΩ
VR201	SR19R10KB	V. OSC FREQ	10KΩ
VR202	SR19R10KB	V. Size	10KΩ
VR203	EVTS30A00B12	V. Linearity	100Ω
VR401	YWOR122-200B	H. Size	200Ω
VR501	EVHB0AL20B55	Beam	500KΩ
VR502	EVHB0AL20B55	Focus For Camera	500KΩ
VR503	SR19R470KB	Target Aux	470KΩ
VR504	EVHB0KL20B55	Target	500KΩ
VR505	EVCBB8L20A14	Audio Volume w/SW	10KΩ
VR601	EVHB0AL20B52	Contrast	500Ω
VR602	EVHB0AL20B15	Bright	100KΩ
VR701	EVHB0AL20B23	V. Hold	2KΩ
VR702	SR19R4.7KB	V. Size	4.7KΩ
VR703	SR19R1KB	V. Linearity	1KΩ
VR901	EVHB0AL20B23	H. Hold	2KΩ
VR902	SR19R4.7KB	H. Hold	4.7KΩ
VR1001	EVCB0AS10B16	Focus for Monitor	1M Ω

COILS AND TRANSFORMERS

L101	ELY-18A002A	Coil Ass'y
L201	YWYS5087PL	CRT Coil Ass'y
L401	YWCAN30008	H. OSC Coil
L402	YWCAN1973HM	Line Coil
L601	YWTV241	Peaking Coil
L602	YWPC050	Peaking Coil
L701	YWVCH-1	V. Out Coil
L901	YWL-701	Filter Coil
L902	YWHW1D-2	Width Coil
L903	YWHL1N-4	H. Lin Coil

SYM-BOL NO.	PART NO.	DESCRIPTION
L904	YWHL1N-3	H. Lin Coil
T-1	YWHPT021	Power Transformer
T-2	YWFS3620A	Fly Back Transformer
T701	YWVBLT-1	V. Blocking Transformer
T901	YWTLH3108-1	H. OSC Transformer
T902	YWETH16F6A	H. OSC Transformer

MISCELLANEOUS

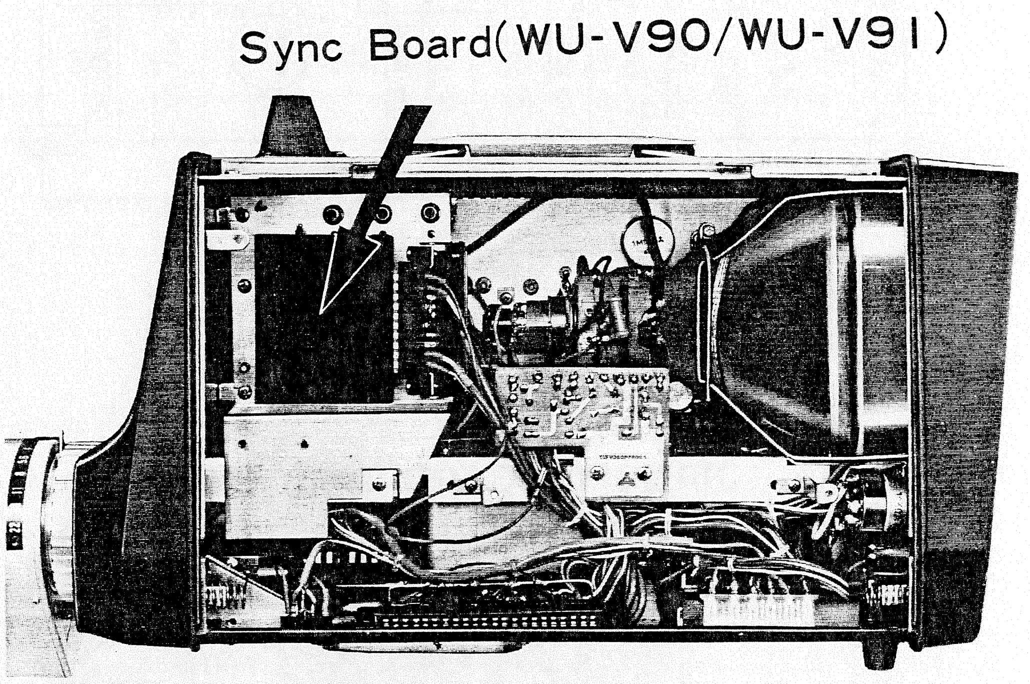
SYM-BOL NO.	PART NO.	DESCRIPTION
V-1	20PE13A	Vidicon
V-2	YUB150ACB4	Cathod-Ray-tube
PL	YWBNE2RED	Pilot Lamp
Tally	E1024V50mA	Tally Lamp
J-1	YWMS-R	Coaxial Connector Receptacle
J-2	YWRM15TRG10S	10P Connector Receptacle
J-3	YWMAB4100	VTR Connector
J-4	YW3C-32	Intercom Jack
J-5	YWSG3615N005	Head-phone Jack
SW-1	**ESRE134L20Z**	**Monitor Input Selector**
SW-2	**YSTS-J0282-4**	**Sync selector**
SW-3	**YSTS-J0282-4**	**Com-Non Com Selector**
E-1	**YWV361PZK01**	**P.C.B Ass'y for Video & Deflection**
E-2	**YWV361PZK02**	**P.C.B Ass'y for Electronic Switch**
E-3	**YWV341PZK03**	**P.C.B. Ass'y for Pre Amp.**
E-4	**YWV361PZK04**	**P.C.B. Ass'y for Power Supply**
E-5	YWV360PZK05A	P.C.B Ass'y for Sync
E-6	YW22J-22C	22P Connector
E-7	YWSJJ-12	10P Connector
E-8	YW128F10181P	Pre Amp Connector
E-9	YWM20082A	Lamp Socket
E-10	YWSI-2324-3	4P Socket
E-11	YW1625-6R-1	Miniature Pin Socket
E-12	YWTVJ-105	Vidicon Socket
E-14	YW170048-2	Terminal
E-15	YW1-480417-0	Terminal
E-16	YQL1-1PR-SE	Terminal
E-17	YQL1-2PH-SE	Terminal
E-18	YWSI-2826-3	6P Plug
E-19	YWSI-2824-3	4P Plug
E-20	YUDVR61	Varister
E-21	YW2189-L	Miniature Pin
E-22	YWZR62-2-3	Z Pin
E-23	YWMTC12AM15	Fasten Terminal
E-24	YWV033PXB01	Coaxial Cable
E-25	YWSEE09705	
M-1	YWV360PDR01A	Front Cover
M-3	YWV360PDR02A	Rear Cover
M-4	**YWV361PKM01D**	**Right Side Cover**
M-5	**YWV361PKM02C**	**Left Side Cover**
M-6	YWV340PKM03A	Upper Cover

SYM-BOL NO.	PART NO.	DESCRIPTION
M-7	YWV360PKM03C	Bottom Cover
M-8	**YWV361PUM01**	**Rear Panel**
M-10	YWV340PHM01A	Handle (Body)
M-11	YWV340PFB01A	Rubber For Handle
M-12	YWV340PFB02B	Cushion for Handle
M-13	YWV340PFM01	Shaft for Handle
M-14	YWV340PAM01	Angle for Handle
M-15	YWV340PKR02	Tally Cover
M-16	YWV340PCM02C	Tripod Mount
M-17	YWV340PHR01	Knob 12φ
M-18	YWV340PHR01	12φ Cover
M-19	YWV340PHR02	Knob 17φ
M-20	YWV340PHR02	17φ Cover
M-21	YWUT01-WM01A	Spring
M-22	YWV340PBM04	Guide for Circuit
M-23	YWV340PAM14	P.C.B. Guide
M-24	YWV360PCM01D	Front Chassis
M-25	YWV360PCM02B	Rear Chassis
M-26	YWV340PCM06A	Main Chassis
M-27	YWV360PCM03A	FBT Chassis
M-28	YWV360PAM01	Foot for P.C.B.
M-29	YWV340PAM04A	Right Side P.C.B. Spring
M-30	YWV340PWM03A	Left Side P.C.B. Spring
M-31	YWV360PKR01A	CRT Cover
M-32	YWV360PFB01	CRT Rubber
M-33	YWV360PWM01A	CRT Spring (1)
M-34	YWV360PWM02B	CRT Spring (2)
M-35	YWV340PAM05	Pilot Angle
M-36	YWV360PAM02D	Connector Plate
M-37	YWV340PAM11	Capacitor Band
M-38	YWSR-5R-4	Bushing
M-39	YWV240PAM01A	Multi-Jack Mounting Angle
M-40	YWMTC12AM05A	Multi-Jack Angle
M-41	YWV370PWR01A	Jack Washer
M-42	**YWV361NUM02A**	**Main Name Plate**
M-43	YWV340PLR01	Tally Card
M-44	YWV340PAM10A	Zoom Guide AL
M-45	YWV340PFR02A	Zoom Guide
M-46	YWV340PWM06A	Bottom Earth Plate Spring
M-47	**YWV341PWM01**	**Touch Spring for Zoom Shaft**
M-48	**YWV361NUM03**	**Right Side line namer**
M-49	**YWV361NUM04**	**Left Side Line namer**
M-50	YWS-RB019	X-Ray Label
M-51	YW14PBSDIA	Namer
M-52	YWS-WB01	Rubber Foot
M-53	YWV200PUB10	Caution Label For Cover (big)
M-54	YWV200PUB11	Caution Label For Cover (small)
M-55	YWV350PLB02	Caution Label for High Label
M-56	YWV240PUB01B	SER No. Label
M-57	YWV341PUR01	Caution Label

SYM-BOL NO.	PART NO.	DESCRIPTION	SYM-BOL NO.	PART NO.	DESCRIPTION
M-58	YW1616MN	Lens	M-67	YWV341PLR02	Tally Card 2
M-59	**YWV361NRB01**	**Instruction Book**	M-68	YWV341PLR03	Tally Card 3
M-61	YWMTC12RB05	Caution Frag	M-72	YWV360PAM04A	Shield Plate
M-62	YWMTC12XB02	Cloth	M-73	YWV360PAM03E	Heat Sink
M-64	YWBC-2A	Body Cap	M-74	YWV340PUM02A	VR Panel
M-65	YWV340PLR01	Tally Card Brank	M-76	YWV340PAN15	Clamp for Thirmistor
M-66	YWV341PLR01	Tally Card 1	M-77	YWV340PAM16	Clamp for Thirmistor

INTERNAL SYNC BOARD

MODEL **WU-V90 (WU-V91)**



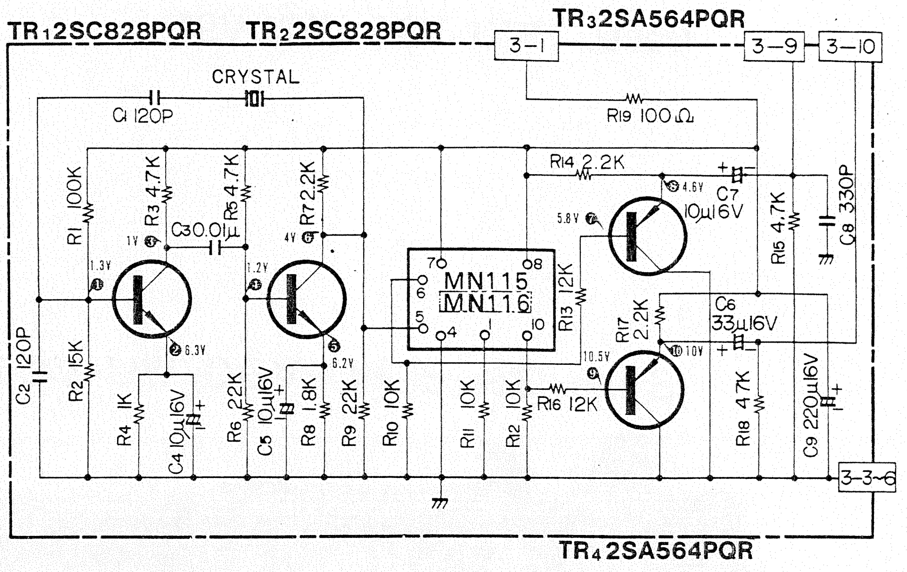
(1) When shipped, WV-360N has WV-360PZK05A and operates in line locked random interlacing.

(2) Internal 2 : 1 interlacing operation is available by raplacing the printed circuit board WV-360PZK05A with INTERNAL SYNC BOARD, WU-V90 (WU-V91).

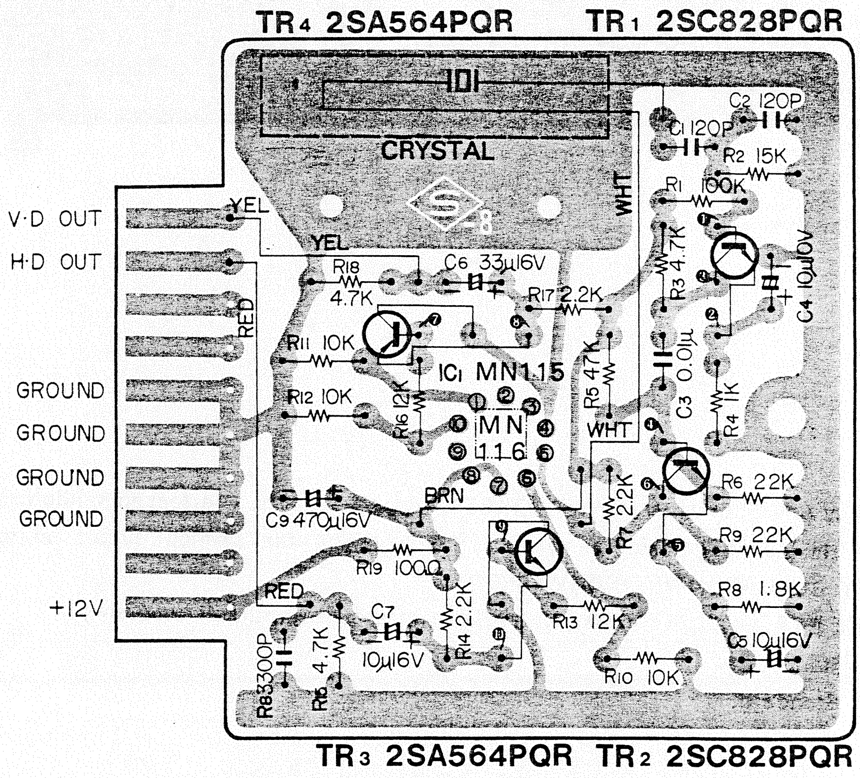
(3) INTERNAL SYNC BOARD, WU-V90 (WU-V91) is offered as optional accessory.

※ WU-V90 USA Standard.
WU-V91 CCIR Standard.

SCHEMATIC DIAGRAM MODEL WU-V90


TR1 2SC828PQR
TR2 2SC828PQR
TR3 2SA564PQR
TR4 2SA564PQR
3-1
3-9
3-10
3-3~6
CRYSTAL
C1 120P
C2 120P
R1 100K
R2 15K
R3 4.7K
C3 0.01μ
R4 1K
C4 10μ16V
R5 4.7K
R6 22K
C5 10μ16V
R7 2.2K
R8 1.8K
R9 22K
R10 10K
R11 10K
R12 10K
MN115
MN116
R13 12K
R14 2.2K
R15 4.7K
R16 12K
R17 2.2K
R18 47K
R19 100Ω
C6 33μ16V
C7 10μ16V
C8 330P
C9 220μ16V
1.3V
6.3V
1V
1.2V
6.2V
4V
5.8V
4.6V
10.5V
10V

CIRCUIT BOARD MODEL WU-V90


TR4 2SA564PQR
TR1 2SC828PQR
TR3 2SA564PQR
TR2 2SC828PQR
CRYSTAL
V·D OUT
H·D OUT
GROUND
GROUND
GROUND
GROUND
+12V
YEL
YEL
RED
RED
WHT
WHT
BRN
C1 120P
C2 120P
R2 15K
R1 100K
R3 4.7K
C4 10μ10V
C3 0.01μ
R4 1K
R5 4.7K
R6 22K
R7 2.2K
R9 22K
R8 1.8K
C5 10μ16V
R10 10K
R13 12K
IC1 MN115
MN116
R16 12K
R17 2.2K
R18 4.7K
C6 33μ16V
R11 10K
R12 10K
C9 470μ16V
R19 100Ω
R14 2.2K
C7 10μ16V
R8 330P
R15 4.7K

No.	❶	❷	❸	❹	❺	❻	❼	❽	❾	❿
VOLTAGE	1.3V	6.3V	1V	1.2V	6.2V	4V	5.8V	4.6V	10.5V	10V

REPLACEMENT PARTS LIST

MODEL WU-V90, WU-V91

SYMBOL NO.	PART NUMBER	DESCRIPTION
I C		
IC 1	MN115	Divider (U.S.A)
	MN116	Divider (C.C.I.R)
TRANSISTORS		
TR 1	2SC828PQR	Amp
TR 2	2SC828PQR	Amp
TR 3	2SA564PQR	Buffer Amp
TR 4	2SA564PQR	Buffer Amp
RESISTORS		
R 1	ERD14VJ104	Carbon, 100KΩ ± 5% ¼W
R 2	ERD14VJ153	Carbon, 15KΩ ± 5% ¼W
R 3	ERD14VJ472	Carbon, 4.7KΩ ± 5% ¼W
R 4	ERD14VJ102	Carbon, 1KΩ ± 5% ¼W
R 5	ERD14VJ473	Carbon, 47KΩ ± 5% ¼W
R 6	ERD14VJ223	Carbon, 22KΩ ± 5% ¼W
R 7	ERD14VJ222	Carbon, 2.2KΩ ± 5% ¼W
R 8	ERD14VJ182	Carbon, 1.8KΩ ± 5% ¼W
R 9	ERD14VJ223	Carbon, 22KΩ ± 5% ¼W
R 10	ERD14VJ103	Carbon, 10KΩ ± 5% ¼W
R 11	ERD14VJ103	Carbon, 10KΩ ± 5% ¼W
R 12	ERD14VJ103	Carbon, 10KΩ ± 5% ¼W
R 13	ERD14VJ123	Carbon, 12KΩ ± 5% ¼W
R 14	ERD14VJ222	Carbon, 2.2KΩ ± 5% ¼W
R 15	ERD14VJ473	Carbon, 47KΩ ± 5% ¼W
R 16	ERD14VJ123	Carbon, 12KΩ ± 5% ¼W
R 17	ERD14VJ222	Carbon, 2.2KΩ ± 5% ¼W
R 18	ERD14VJ473	Carbon, 47KΩ ± 5% ¼W
R 19	ERD14VJ101	Carbon, 100Ω ± 5% ¼W
CAPACITORS		
C 1	ECQ-S1121JZ	Styrol, 120pF
C 2	ECQ-S1121JZ	Styrol, 120pF
C 3	YCQMS05103K	Polyester film, 0.01μF
C 4	ECEA16V10L	Electrolytic, 10μF 16V
C 5	ECEA16V10L	Electrolytic, 10μF 16V
C 6	ECEA16V33L	Electrolytic, 33μF 16V
C 7	ECEA16V10L	Electrolytic, 10μF 10V
C 8	ECQ-S1332JZ	Styrol, 3300pF
C 9	ECEA16V470L	Electrolytic, 470μF 16V
CRYSTAL		
Q 1	YWHC13U31R5K	31.5KHz OSC (U.S.A)
	YWHC13U31R25	31.25KHz OSC (C.C.I.R)

YUD6B2MTの取付方法

1. 下記の機種の場合は、それぞれの取付アングルが必要となりますので別途ご注文ください。

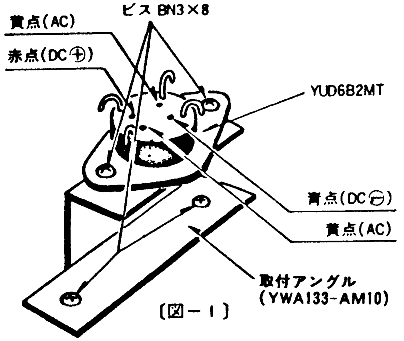
適用機種	取付アングル		備考
	補修部品番号	品番	
WA121,122,123,131,132,133,231,232,233 WA510,562,563,700,710,720,WV760	142441	YWA133-AM10	ビス付 BN3×8 4本
WV340,341,360,361	442649	YWV341-AM100	
RP2082	642108	YWRP2082AM99	

2. YWA133-AM10（補修部品番号 142441）の取付アングルを使用する場合。

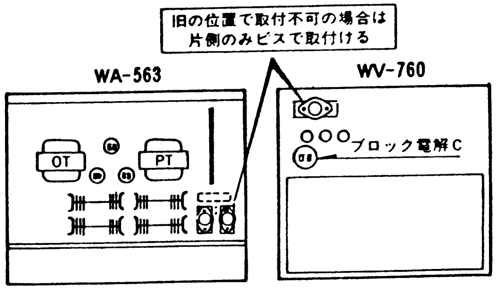
(1)取付アングルに YUD6B2MT を図－1のように取付てください。

(2)準備した YUD6B2MT を YUD5B2 を外した箇所に、取付てください。

※WA-563, WV-760 は図－2のように取付てください。


ビス BN3×8
黄点(AC)
赤点(DC⊕)
YUD6B2MT
青点(DC⊖)
黄点(AC)
取付アングル
(YWA133-AM10)

〔図－1〕

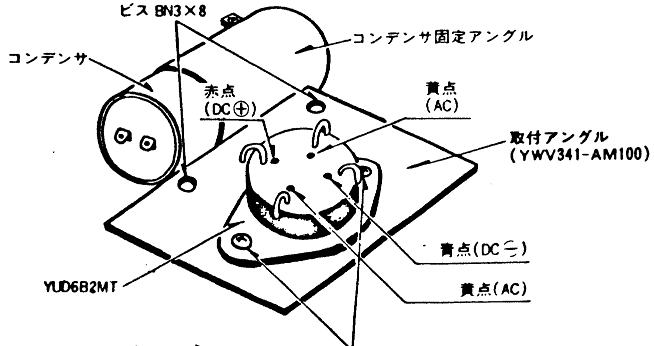

旧の位置で取付不可の場合は
片側のみビスで取付ける
WA-563
OT
PT
WV-760
ブロック電解C

〔図－2〕

3. YWV341-AM100（補修部品番号 442649）の取付アングルを使用する場合。

(1)取付アングルに YUD6B2MT を図－3のように取付てください。

(2)準備した YUD6B2MT を YUD5B2 を外した箇所に、取付てください。

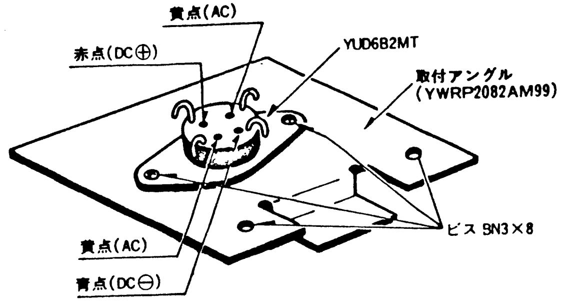

ビス BN3×8
コンデンサ固定アングル
コンデンサ
赤点
(DC⊕)
黄点
(AC)
取付アングル
(YWV341-AM100)
青点(DC⊖)
黄点(AC)
YUD6B2MT
ビス BN3×8

〔図－3〕

4. YWRP2082AM99（補修部品番号 642108）の取付アングルを使用する場合。

(1)取付アングルに YUD6B2MT を図－4のように取付てください。

(2)準備した YUD6B2MT を YUD5B05 を外した箇所に、取付てください。


黄点(AC)
赤点(DC⊕)
YUD6B2MT
取付アングル
(YWRP2082AM99)
ビス BN3×8
黄点(AC)
青点(DC⊖)

〔図－4〕

5. 取付アングルを使用しない機種の場合

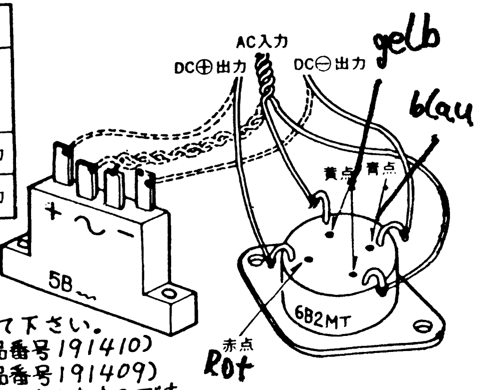
- YUD5B2, YUD5B1, YUD5B05 を外した箇所に、YUD6B2MT を付属の2.6㎜のビス、ナットで取付てください。

6. WX-610 のみP板に取付のため、YUSKBL02（補修部品番号 116705）をご使用ください。

7. 取付後の配線

- YUD5B～より外したリード線は下記のように配線してください。

YUD5B～のリード線を外した端子		YUD6B2MTのリード線を付ける端子	備考
gelb ～ 端子	→	黄点端子	AC入力
gelb ～ 端子	→	黄点端子	
Rot ＋ 端子	→	赤点端子	DC⊕出力
Blau － 端子	→	青点端子	DC⊖出力


AC入力
gelb
DC⊕出力
DC⊖出力
blau
黄点
青点
＋
～
－
5B～
6B2MT
赤点
Rot

8. ご注意　下記の機種は、YUD6M10か
YUD10M10に変更済みです。
詳細は、S・49・6・20発行の NO.
NB-011のテクニカルニュースを見て下さい。
WU-P03,12：YUD6M10-0K50(補修部品番号191410)
WU-P13　：YUD10M10-0K50(補修部品番号191409)
- 上記の整流器は、放熱板に4個付けたものです。
- 整流器のみは｛ YUD6M10(補修部品番号116249)
YUD10M10(補修部品番号116020)